# e Itliming Ion

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

1900. Vol. XLII.

LONDON, SATURDAY, JANUARY 20, 1872.

JAMES CROFTS, STOCK AND SHAREBROKER,
No. 1, FINCH LANE, CORNHILL.
(ESTABLISHED 1845.)

Bof mining shares difficult of Sale in the open market may find
for the same through Mr. CROFTS' agency. Also parties requiring
to act in the disposal or abandonment of doubtful mining stocks may
varil of Mr. CROFTS' long experience on the market in all cases of
fineuity, legal or otherwise.
BUSIN'SS in CASTLE AN DINAS (Tiu) shares. Seller at lowest prices.
LE.—A few shares in a Cornish Fishery, paying TWELVE AND
IN CENT. Full particulars on application.
Every description of shares bought and sold at NET prices.
Bankers: Metropolitan Bank.

H. BUMPUS, STOCK AND SHAREDEALER, RRADNEEDLE STREET, LONDON, E.C., has FOR SALE the

THRRADNERDLE STREET, LONDON, E.C., has FOR SALE the SHARES, free of commission:—
ton, 44.

25 East Bottle Hill, £5½, 13 Great Laxe, 16 Great Laxe, 17 Great Laxe, 17 Great Laxe, 18 Great

W. H. B. transacts busing

CHRISTIAN, STOCK AND SHAREDEALER, 11, ROYAL EXCHANGE, E.C. Bankers: Bank of England.

WILLIAM SEWARD, STOCK AND MINING SHARE BROKER, 19, THROGMORTON STREET, LONDON, E.C. scription of shares BOUGHT and SOLD at the best market prices.

T. A. MUNDY, STOCK AND SHAREBROKER, 38, BISHOPSGATE STREET WITHIN, E.C. Bankers: City Bank.

ESSRS. ENDEAN AND CO., STOCK AND SHARE DEALERS, S5, GRACECHURCH STREET, LONDON, E.C. All marketable stocks dealt in for cash or account. SILK AND CO., STOCK AND SHARE BROKERS, 32, REGENT STREET, PICCADILLY, W. FRANK LIMMER, Secretary.

WARD BREWISAND CO.,
BISHOPSGATE STREET WITHIN, CITY, LONDON, E.C.
Every description of shares bought and sold at best prices.
Bankers: The Alliance Bank (Limited), London, E.C.

C. A. POWELL, STOCK AND SHAREDEALER, Bo. 1, PINNER'S COURT, OLD BROAD STEEET, LONDON, E.C. Bankers: City Bank, Fineb-lane.

MINING PRIZES FOR 1872.

TATTHEW GREENE, PINNER'S HALL, LONDON.

RECOMMENDED SHARES IN THE SHARE SHALL, LONDON.

RECOMMENDED SHARES IN AND COPPER MINE, all fully paid up, for a series in prices. Particulars on application.

Bankers: Bank of England, and Tweedy, Williams, and Co., Redruth.

JAMES STOCKER, STOCK AND SHAREDEALER, CROWN COURT, THREADNEEDLE STREET, has SPECIAL BUSI

the follows. bool, £18¾. burget, 21s.

he following:—
col., £18%.
20 West Jewell, £2%.
25 Utah, £3%.
25 Utah, £3%.
26 Utah, £3%.
26 Utah, £3%.
27 Utah, £3%.
28 Utah, £3%.
28 Utah, £3%.
28 Utah, £3%.
29 Utah, £3%.
29 Utah, £3%.
29 Utah, £3%.
29 So. Aurora, 41s.
29 Parys Mount, £3%.
29 Vor. £9%.
20 Parys Mount, £3% 3 9 d.
20 Parys Mount, £5% 4 9 d.
20 Parys

Bankers: London and westminster.

S S R S. H O O K E A N D C O , ,

STOCK AND SHAREDEALERS,

LIFE, FIRE, AND MARINE INSURANCE AGENTS,

UNION C OUR T, O L D B ROAD B STREET, E.C.

M. HOOKE and CO. are prepared to execute with punctuality and dispatch

slope for the sale, transfer, or purchase of any stocks or shares which

asy be favoured with. Being in constant communication with many of

stream of the sale, transfer, or purchase of any stocks or shares which

of the valuable and exclusive information on mining matters.

In subscribing One Guinea can have proupt and reliable information as

sine, status, and prospects of legitimate mining and other investments

United Kingdom and elsewhere.

LAG: -7 New Rosario, £1 Sz.; 50 Lianarmov, £2 Sz.; 10 Russia Cop
fan, Prince of Wales, Willoughby, and Lisbon Street T: amways; 50 New

edwell, 10s.

purchasers of VIRTUOUS LADY shares, at 2s. per share, fully paid. wanted for King and Queen shares.

Daelau, 28s. 511, £3. uk Fells, 26s 6d Jes 21s. hen, £481/2 Tral, 25s. Tral, 25s. Trae, £137½. Trae, £137½. Trae, £137½. Trae, £149¾. Walls, 18s. 3d. 10 Edipes, 18s. 9d. 10 East Van, £8 4s. 20 Mark Betton, 38s. 6d. 10 East Lovell, £12. 10 Eterhardt, £834. 40 East Terras, 20s. 2 East Basset, £19.

30 Frank Mills, 12s. 6d.
26 Great Western, 25s.
10 Gawton, £6 4s. 6d.
50 Gt Western Sil., par.
50 Gt. No. Laxey, 25s 6d
40 Glamorgansbire.
50 Great Lovell, 7s.
10 Great Vor. £10 1s.
50 Gwydyr Park, 16s. 9d
10 Gorsedd, £3 18s. 9d.
10 Fingaton, £5 18s. 6d.

50 Kamas, £52 19.5, 6d, 50 Kamas, £52 45. 50 Willoughby, £52 45. 50 Willoughby, £52 45.

BRS. WM. MARLBOROUGH AND CO.
BISHOPSGATE STREET WITHIN, LONDON, E.O. (Establish have FOE SALE the FOLLOWING SHARRS at prices annexed:
Crib. 20 E. Grenville, 23.
20 Parys Montain, 25.
20 Parys Montain, 25.
20 Parys Montain, 26.
20 Parys Montai 50 Prince of Wales, 19a 9
50 Pennerley, \$4 4s. 9d.
50 Plynlimmon, 28s.
52 Perkins Beach, 27s. 6d
58 Roman Grav., £18¼.
10 So. Carn Bress, £7%.
50 South Darren, 22s.
50 Sth. Aurora, £2½.
50 Sth. Aurora, £2½.
5 The Lovell, £3½.
5 Thakerville, £18 18s 3
15 Utah, £3%.
50 Van Consols, £1 14s 9
15 West Caradon, £21 13
5 W. Chiverton, £14¼.

Rag Basect, £19.

30 Old Treburget, 21 s 3d

MR. G RORG R BUDG E, STOCK AND SHAREDEALER, Me. 4, ROYAL EXCHANGE BUILDINGS, LONDON, E.C. (Established 22 years), is a SELLER at net prices of :—

100 Okal Tor, 76: 3d.; 10 Gawton, £6 9s. 3d.; 10 Treleigh Wood, £12 18s. 9d.; 3 Vincal Builer, £38; 50 Bius Hills, £38; 2 Devon Great Consols, £155; 2 Providence, £374; 100 New Wheal Charlotte, £9; 100 Gwydyr Park; 50 Prince of Walss, 19. ed.; 40 West Tankerville; 10 East Van, £85; 30 Drake Walls, 18s. 3d; 2 Wheal Jane, £524; 50 West Party-Go; 40 West Jewell; 3 New leton, £564; 30 West Basset; 55 West Caradon; 20 North Pool, £3; 25 Tangaralle, £36, £3; 10 Roman Gravels, £184; 70 Wheal Coates; 100 Bwadrain Canado; 20 New Pembroke; 100 Great Lovell, 7s.; 10 Marks Valley, £55; 15 West Direction of the State Perts, 70e.; 5 Bwich Consols; 10 Wheal Lung, £4; 10 Marks Valley, £55; 15 West Caradon; 20 New Pembroke; 20 State; 100 Great; 100 Great; 100 Great; 100 Teal; 100

IMPORTANT TO SHAREHOLDERS IN TIN, LEAD, AND COPPER MINES.
WATSON'S "WEEKLY MINING CIRCULAR AND SHARE LIST"—
Sympols of Cornish, Devon, Shropshire, and Isle of Man Mines. &c.—of yesterday, Friday, 19th January, 1872, No. 670, contains the CONTINUATION of his
ANNUAL MINING REVIEW. To be continued in following numbers.

WATSON'S "WEEKLY MINING CIRCULAR AND SHARE LIST" of Friday, 19th January, 1872, No. 470, contains the latest reports on Tankerville, Roman Gravels, South Roman Gravels, Great Wastern East Lovell, North Crofty. Notices on Providence, Trelyon Consols, Speart Moor, North Levant, Penhalls, Great Laxey, Foxdale, Van, Cook's Kitchen West Frances, Bronfloyd. Tenders for Blende Ores, the Metal Markets, &c.

WEEKLY MINING CIRCULAR, EVERY FRIDAY,-LONDON DAILY RECORD, STOCK & SHARE LIST, Every Evening Published by P. WATSON, Stock and Sharedealer, 79, Old Broad-street, E.C.

WATSON, STOCK AND SHAREDEALER, 79, OLD BROAD STREET, LONDON, E.C. Bankers: The Alliance Bank, and Union Bank of London.

R. ALFREDE. COOKE (Son and Successor to the late Mr. EDWARD COOKE), 76, OLD BROAD STREET, LONDON, E.C. Bankers: Alliance Bank (Limited).

MR. C. POWELL, STOCK AND SHAREDEALER, 78, OLD BROAD STREET, LONDON, E.C.

THOMAS SPARGO, MINING ENGINEER, STOCK AND SHAREDEALER, 224 AND 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C.

M. B. E. J. BARTLETT, STOCK AND SHAREDEALER, No. 30, GREAT ST. HELEN'S. E.C., LONDON, transacts business a tet prices in every description of security.

Parties wishing to Transact Business in the following are requested to com

BOG. BWLCH CONSOLS. BWLCH CONSOLS, CAFARTHA. CRENVER AND ABRAHAM, CAERPHILLY COLLIERY, DRAKE WALLS, EAST BASSET, EAST SETON, KAST LOVELL, FRANK MILLS.
GORSEDD & CELYN LEVEL.
MINERA. NORTH POOL. NEW LOVELL. BOSEWALL HILL & RANSOM. SOUTH DARREN. SOUTH ROMAN GRAVELS. SWEETLAND CREEK. TAQUARIL
WEST CHIVERTON.
WEST GODOLPHIN.
WEST PANT-Y-GO.
WHEAL UNY.

MINERA.

\*\*NORTH POOL.—The lode in Ballarat shaft is of great width, and no south wall, with scams of rich yellow copper ore traversing. In the engine shaft the appearance of the rock is exceedingly favourable, and when the lode is cut it seems tolerably certain a great discovery may be made. These shares should be purchased. Also, East Lovell, Drake Walls, Frank Mills, Gorsede and Celyu Level, and East Seton.

M ESSRS. W. DUNN AND CO., STOCK AND SHABE-DEALERS, 3 AND 4, GREAT WINGHESTER STREET BUILDINGS, LONDON, E.C. Bankers: National Provincial Bank of England.

## Bankers: Mational Provincial Bank of England.

### FOR SALE, at prices annexed, free of commission:—

10 Aberdaunant, £1.
20 No. Wh. Crofty, £1%.
3 Dolcoath, £91.
20 Parys Mount, £3 78.
10 West Godolphin, £2½
20 Penneriey, £4 108.
20 West Maria, £1 78 6d.
20 E. Liangynog, £2 7 6
5 Rant Lovell, £11%.
20 Sweetland Ck., £3%.
20 Wend Maria, £1 78 6d.
20 Wend Maria, £1 78 6d.
20 West Maria, £1 78 6d.
21 Wheal Agar, £3 17 6
22 Wend Baller, £41.
24 Wh. Kitty (St. Ag.),
£18 108.
25 Terras, £1 128.
26 Wh. Cradon, £2 158.
26 Ungston Down, £4 18

5 West Caradon, £2 158.
26 Wheal Uny, £7 158.

MR. HENRY MANSELL, STOCK AND SHAREDEALER,

MR. HENRY MANSELL. STOCK AND SHAREDEALER,
14, GREAT WINCHESTER STREET, LONDON, E.C.
ALLT-Y-CHIB SILVER-LEAD MINING COMPANY (Limited).—The following important improvement is just reported from the mine:—
In driving the 20 west we have struck a splendid lode in entirely virgin ground,
A sample of the lead ore has been sent for assay to Messrs. Johnson, Matthey,
and Co., of Hatton-garden, the eminent assayists, who report as follows:—
We have examined the sample of lead ore, and find the follow ng to be the
result:—Produce of lead, 81 per cent.; produce of silver, 7¾ ozs. per ton of
20 cwts. of ore.

Mr. HENRY MANSELL strongly recommends the immediate purchase of shares
in this company at present quotations. £2 12s. 6d. each, fully paid, and can offer
100 or part of same.

References exchanged.

M ESSRS. SANDY AND CO., STOCK AND SHAREDELERS, No. 2, PINNER'S COURT, OLD BROAD STREET, LONDON, E.C.

Business transacted in every description of Stocks and Shares at the closes market prices, add advice given as to the safest and profitable channel for in Messrs. All Profitables are profitable channel for in Messrs.

market prices, add advice given as to the safest and profitable channel for investment or speculation.

Mesers, SARDY correspond with authorities in the principal mineral districts of the United Kingdom, and are enabled to afford all necessary information to clients and friends.

clients and friends.

Messrs. SANDY and Co. will forward on application particulars of three Tin Mines, in which they have every confidence for an early and steady advance.

Daily Price List on application.

H I T C H E N S A N D C O. MINING ENGINEERS, NEW POULTRY CHAMBERS, LONDON, E.C.

S. E. MARTIN, M.E., of the above firm, is now in London, and can be consulted ersonally at the above offices from 11 A.M., until 5 P.M., during next week. N.B.—FOR SALE, ONE MOIETY of a valuable SILVER-LEAD MINE.— None but principals or their solicitors need apply.

E DWARD P. RICE, STOCK AND SHAREDEALER, 77, OLD BROAD STREET, LONDON. R.C.

Every description of shares bought and sold at the best market prices, for cash or account.

Bankers: City Bank.

M. B. W. TREGELLAS, 122, BISHOPSGATE STREET WITHIN, E.C., DEALS in all descriptions of bona fide SHARES.

ECLIPSE.—Investors are invited to read the reports from this mine. The shares are amongst the cheapest in the market. Large returns of gold and silver may be looked for in 1872.

NEW WHEAL CHARLOTTE is opening out very well, and shares are likely to reach high prices ere long.

Will be published early in February, price One Shilling, SECOND, and much enlarged, EDITION of

Will be published early in February, price One Shilling, SECOND, and much enlarged, EDITION of WHAT TO SELE CT — WHAT TO AVOID.—
All interested in British and Foreign Mines will gain valuable, original, and trustworthy information by its perusal. Frederick W.M. MANSLL is induced to publish this enlarged edition at the solicitations of his numerous patrons, and also by the flattering remarks expressed by the commercial and financial press relative to the first edition.

MR. F. W. MANSELL, STOCK AND SHAREDEALER,
1, PINNER'S COURT, OLD BROAD STREET, LONDON, E.C.
Who has had Twenty-seven Years' Experience in the Mining Market.
Bankers: London Joint-Stock Bank.

MR. T. R. COMYN. STOCK AND SHAREDEALER,
31, THREADNEFDILE STREET, LONDON, E.C.
Mr. COMYN has recently returned from an inspection of west Jewell, Cathedral, and Camborne Vean Tiu and Copper Mines, and most confidently recommends the shares of these companies for immediate purchase, which he can offer on a such terms as will leave handsome profits either for investment or future sale. It is well to bear in mind that the capitais of these companies, though ample for all purposes, is small compared with that of most of the mining companies, recently established, consequently the predicts will above a higher rate per cent, and that the works are being prosecuted vigorously under undoubtedly good managements. Each mine is producing and selling ore at a profit.

M R. C H A R L E S T H O M A S, MINING AGENT, J. GREAT ST. HELEN'S, LONDON, E.C.

MESSES, A. W. THOMAS AND CO., 10, COLEMAN STREET, E.C., MINING AGENTS, AND STOCK AND SHAREDEALERS. Monthly Circular for January now ready; post free, 6d.

MESSES G. LAVINGTON AND A. PENNINGTON,
44; THREADNEEDLE STREET, E.C., STOCK AND SHAREDEALERS
have BUSINESS in the undermentioned:

Birdseye. Mary Ann.
Eberhardt, Marke Valley.
Eclipse. Pennerley. Tankerville.
Utah.
Van. Parys Mountain.
Parties wishing to purchase or sell in the foregoing are requested to make early application.

LAVINGTON AND PENNINGTON SWONN

LAVINGTON AND PENNINGTON, SWORN BROKERS,

TO INVESTORS .- NOW READY.

AVINGTON AND PENNINGTON'S "MONTHLY RECORD OF INVESTMENTS," containing an exhaustive Review of the British and Foreign Stock and Share and Money Markets, &c., with an enumeration of safe investments, paying from 10 to 20 percent. Price 6d. percopy, or 5a. annually G. LAVINGTON and A. PENNINGTON, 44, Threadneedle-street, London; B.C.

G. LAYINGTON and A. PENNINGTON, 44, Threadneedle-street, London, R.C.

M. R. T. E. W. THOMAS, STOCK AND SHAREDEALER,
3, GREAT WINCHESTER STREET BUILDINGS, E.C.

Established 1857.

The year 1871 opened with a good business doing in mining shares, which continued steadily to increase up to its close. Judging from present appearances, there is every prospect of even more being done this year than last. The price of this is extraordinarily high, but is, nevertheless, expected to maintain its price for a long time to come. Copper is steadily, but determinedly, advancing, and will, in all probability, ere long reach £1 per unit. Lead remains at a fair price for the miner. The experience taught by the decline in market values of most of the foreign mining schemes causes the shares of good, sound British mines to be in increased favour with the public; therefore, those who invest early in the year, in both copper and tin mines, well chosen, will most certainly reap large profits. Railway shares are, generally speaking, too high to give speculators much of a margin for profit on purchase. Money is abundant, and collateral circumstraces indicate a large business in mines of approved character, T. E. W. THOMAS has made a selection of a few good mines for a rise in price, the names of which he is prepared to furnish to investors and others.

BARTLETT AND CHAPMAN, STOCK AND SHARE DEALERS, 36, CORNHILL, LONDON, E.C.
"Handybook for Investors," price 18s. 6d., post free,
"British Mines and Mining," price 2s. 6d., post free.

JOHN B. REYNOLDS, STOCK AND SHAREDEALER,

70 AND 71, BISHOPSGATE STREET WITHIN, LONDON, E.C.,

Is able to obtain reliable information concerning British and Foreign Mines,

The long experience he has had is at the service of the public.

And invites instructions concerning mines not dealt in on the London market

providing always that the undertakings are bona fide.

Established Fifteen Years.—Bankers: City Bank.

THE RADNOR SILVER-LEAD MINING COMPANY Prospectures and full particulars of this valuable property on application to Messra. J. HUME and Co., 74, Old Broad-street, London, E.C.

FOR SALE—
50 Eberhardt, £9.
50 So. Aurora, £2½
10 Emma, £2½ pret
20 Utah, £4½.
50 Don Pedro.
50 Taquaril, 7s. 6d.

25 W. Tankerville, £43%.
10 Tankerville, £03%.
10 West Chiverton.
10 Uny, £74%.
10 So. Condurrow, £9.
20 So. Carn Bres, £73%.
10 East Lovell, £113%.
20 Hingston Down, £4.
20 Hingston Down, £4.
20 Hog, £34%.
20 Hog, £34%.

I MPORTANT TO INVESTORS IN BRITISH AND FOREIGN MINES, RAILWAY STOCKS, and other Securities of all descriptions.
Dividends at the rate of 5, 10, and 15 per cent.

Consult MR. JOHN B. REYNOLDS' SPECIAL LIST OF INVESTMENTS. Sent free by post on application to JOHN B. REYNOLDS, Stock and Share Dealer, 70 and 71, Bishopsgate-street Within, London, E.C.

JOHN KEANE AND CO., STOCK AND SHAREDEALERS, 29. GREAT ST. HELEN'S, LONDON, E.C., Transact business in all descriptions of British and Foreign Stocks, Railway, Bank, Tolegraph, Gas, and Mining Shares at the closest market prices, either

Bank, Telegraph, cas, and althing chairs at the closest market prices, either for cash or account.

Reliable information given with regard to all home and foreign mines on application. Mineral properties inspected, and working plans and sections of mines accurately prepared.

Bankers: The London and Westminster Bank, Lothbury, E.C.

Telegrams promptly attended to.

J. K. and Co. strongly recommend the purchase of shares in the NEW HINGSTON TIN MINING COMPANY (Limited), and will forward prospectuses and reports, &c., on application.

M ESSRS, WARD AND LITTLEWOOD, STOCK AND SHARE M ESSES, WARD AND LITTLE WOOD, STOCK AND SHARE DEALERS, 95, BISHOPSCATE STREET, LONDON, E.C. Consols, Railways, American, and other Foreign Bonds Bought and Sold at the closest possible prices. Home and Foreign Mines inspected and reported on by competent agents.
All holders of Tin, Load, and Copper shares will do well to consuit W. and L. before buying or selling.

WHEAL GRENVILLE, EAST WHEAL GRENVILLE,
West Caradon, New Rosewarne, North Rosewarne, Treleigh Wood,
Creegbrawse and Penkevii Mines specially recommended.
Capitalists buying shares in the above mines at present quotations will, in all
probability, see a rise in value equal to 100 per cent, on the average during the
present year.

JOHN RISLEY, (SWORN) STOCK AND SHARE BROKER, 77, CORNHILL, LONDON, E.C.

MESSRS. A L'DERSON, EVANS, AND CO.,
MINING AGENTS AND GENERAL SHAREDEALERS,
94, ETHELBURGA HOUSE, BISHOPSGATE STREET, LONDON, E.C.,
Beg to call the attention of their friends to several tin mines, the shares of
which, not baving been puffed up to exvoltant prices by over speculation and
market operations, are well worthy the attention of investors, and should be
secured at once. These mines are daily increasing in value, and the shares will
shortly be saleable at double their present price.
A. E., and Co., baving been intimately connected with the principal mining
districts in Cornwall during the last 25 years, and having had the management
of several mines during that period, have established a connection with the
principal agent in the county, and can at all times secure the advice of such
Prompt attention paid to all communications.

Prompt attention paid to all communications.

Prompt attention paid to all communications.

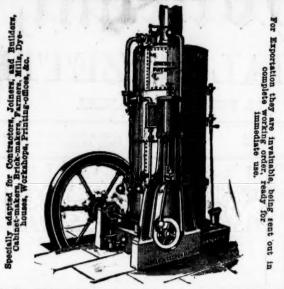
M ESSRS. LISCOMBE AND CO.,
39, BOUTH CASTLE STREET, LIVERPOOL.
Beg to inform their CLIENTS and the PUBLIC that they are PREPARED to
do BUSINESS in ALL CLASSES of MINING SHARES—English, Foreign, and
Colonial—at the closest market prices.
A Mining Engliseer of great experience having recently joined the firm, they
are in a position to make thorough inspections and surveys and give first-class
reports upon all metalliferous mines throughout the world. They are also ready
to provide capital to any moderate extent for working bona fide mineral properities, no matter where situated.
Measrs. LISCOMBE and Co. have for sale at this present time shares in several
most highly promising progressive mines, which are certain shortly to pay large
dividends upon a very small outlay.
Full particulars will be forwarded on application to bona fide investors.

M R . R. P E R O Y R O B E R T S,
60, ENGLISH STREET, CABLISLE.

MR. JOHN CARTER, MINE AND SHARE DEALER, CAMBORNE, CORNWALL (Son of the late Thos. Carter), transact Business in every description of shares at close market prices of the day. References exchanged when required,

### GREEN'S PATENT BOILERS,

WITH INVERTED CYLINDER ENGINE COMBINED



above Engines and Boilers are constructed in an exceedingly substantial simple manner, every part being easy of access, consequently can be readily ratiod and managed; they are fitted with governors, equilibrium throttle, stop valve, safety valve, feed pump, water and steam gauges complete, foundation plate answers the purpose of feed water tank, in which the is heated before passing into the boiler, and also of an ash-pit, and no work of foundation is required.

water is heated before passing into the boiler, and also of an ash-pit, and no orlekwork or foundation is required.

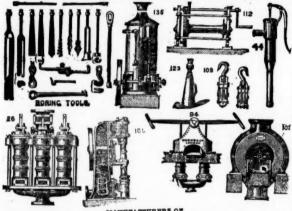
N.B.—Upwards of 600 of these Engines and Boilers are now at work, giving intire satisfaction.

Illustrated PRICE LISTS free on application to GREEN AND SMITHFIELD IRONWORKS, LEEDS;
And 54 and 55, Blackfriars-road, London, S.E.

#### OWENS AND

Andraulic and General Engineers,

WHITEFRIARS STREET, FLEET STREET, LONDON-



MANUFACTURERS OF

MANUFACTURERS OF

BORING TOOLS, for testing ground for Minerals. Bridge Foundations, Artesian Wells, &c., to any depth.

No. 26.—Treble Barrel and other Deep Well Pumps.

No. 136.—Vertical and other Portable Steam-engines.

No. 185.—Horizontal and Vertical Steam Pumping-engines.

No. 185.—Horizontal and Vertical Steam Pumping-engines.

No. 108.—Pulley Blocks of all sizes.

No. 108.—Pulley Blocks of all sizes.

No. 123.—Bottle and other Lifting Jacks.

No. 94.—Double-barrel Pumps, for Mine or Quarry use

No. 44.—Portable Wrought-iron Pumps, ditto ditto

No. 102.—Bernays's Patent Centrifugal Pumps, of all sizes.

ALSO EVERY OTHER DESCRIPTION OF

ALSO EVERY OTHER DESCRIPTION OF
HYDRAULIC AND GENERAL MACHINERY,
COMPRISING
TURINES, WATER WHEELS, WIND ENGINES,
THE HYDRAULIC RAM, FIRE ENGINES, &c.

Caralogues and Estimates on application.

M'TEAR AND CO.'S CIRCULAR FELT ROOFING



GREAT ECONOMY AND CLEAR WIDE SPACE,

For particulars, estimates,

M'TEAR & CO.,

20, BUDGE ROW, CANNON STREET, LONDON;

54, PORTLAND STREET. MANCHESTER;

CORPORATION STREET BELFAST.

The above drawing shows the construction of this cheap and handsome roo now much used for covering factories, stores, sheds, farm buildings, &c., the principals of which are double bow and string girders of best pine timber sheeted with 45 in, boards, supported on the girders by purlins running long in the contract of the girders by purlins running long in the contract of the girders by purlins running long in the contract of the girders by purlins running long in the contract of the girders by purlins running long in the contract of the girders by purlins running long in the contract of the girders are contracted in the contract of the contract sheeted with ¼ in. boards, supported on the girders by purlins running longitudinally, the whole being covered with patent waterproof roofing felt. These roofs so combine lightness with strength that they can be constructed up to 100 ft. span without centre supports, thus not only affording a clear wide space, but effecting a great saving both in the cost of roof and uprights.

They can be made with or without top-lights, ventilators, &c. Felt roofs of any description executed in accordance with plans. Prices for plain roofs from 30s. to 60s. per square, according to span, size, and situation.

Manufacturers of PATENT FELTED SHEATHING, for covering ships' bottoms under copper or sine.

oms under copper or sinc.

INODOROUS FELT for lining damp walls and under floor cloths.

INODOROUS FELT for lining damp walls and under floor cloths.

DRY HAIR FELT, for deadening sound and for covering steam pipes, thereby aving 25 per cent. in fuel by preventing the radiation of heat.

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FOR a Theoready less the two contion to adapte Part 21,

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### BOILER EXPLOSIONS AVOIDED BY USING PAYNE'S ANTI-CORROSIVE FLUI It is highly recommended by Engineers to Proprietors of Steam Boilers (Marine or Stationary) for PREVENTION and REMOVAL of INCRUSTATION. The price is 6s. per gallon. One gill per horse power per week will remove any incrustation from old boiles,

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TINUOUSLY STEAM-TIGHT; EFFECTING GREAT SAVING IN FUEL; GIVING ADDITIONAL POWER; AND NO TROUBLE.

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recapable of carrying 6,8, and 10 tons, part of which are constructed spefor shipping purposes. Wagons in working order maintained by conEDMUND FOWLER, Sec.

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ENERAL MINING OFFICES,

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MR. CHARLES F. COLLOM,

MINING ENGINEER, AGENT, AND SURVEYOR,

o undertakes the entire local Management of Mines, including Dialling,

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Mines Inspected and faithfully Reported on, orders for which purpose should be made for Mr. Collom, or his Agent. Promoters of New Mining Enterprises (which will bear the strictest scrutiny) rendered every assistance. Investments in Mines arranged for Capitalists,—the condition of the com-anics, as well as the prospects of the Mines, being first strictly investigated.

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From his long experience with and residence in the district, is always in a
position to give reliable information upon the Shropshire Mines, and will sell
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Bog. Perkins Beach.
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FOR SALE—50 Perkins Beach, at 29\*. 8d.
The purchase of shares in the CARDIGANSHIRE OLD BOG MINE (Limited) is
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WANTED TO PURCHASE, the following (or any less number), for each : 00 Pennerley, 100 West Tankerville. 100 West Tankerville. 50 Roman Gravels,
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Messes. CAMERON and Co. have FOR SALE a limited number of fully paidups bares in TWO valuable LEAD MINES, which, at £2 per share, they recommend to the attention of investors. Both these properties are situated in a well-known district, long celebrated for yielding immense returns of lead. Early applications for shares are strongly advised, as recent discoveries cannot fall to cause a great advance in price. Particulars forwarded on application. OFFICES: BRIDGE STREET CHAMBERS, CHESTER.

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The great success which is attending the opening and working of the Mines in the counties of Cardigan and Montgomery, and the many properties placed at the disposal of Capt. ABSALOM FRANCIS, induces bim to offer his services either to ADVISE, INSPECT, REPORT, or SURVEY, for Mining Companies or private shareholders.

For terms, apply to Capt. ABSALOM FRANCIS, as above.

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DEATH OR INJURY FROM ACCIDENT,

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LOSS OF TIME AND MONEY,
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An annual payment of £3 to £6 5s. insures £1000 at death, or an allowance at the rate of £6 per week for injury.

£656,000 have been paid as compensation—
One out of every 12 Annual Polley Holders becoming a claimant each year.
For particulars, apply to the Clerks at the Rallway Stations, to the Local Agents, or at the Offices—
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WILLIAM J. VIAN, Secretary.

WATSON BROTHERS' MINING CIRCULAR.

ESSRS. WATSON BROTHERS return their most sincere

thanks for the great patronage bestowed and confidence reposed in their firm for nearly 30 years, and to assure their friends and clients it will be their earnest endeavour to merit a coatinuance of both.

In the year 1843, when Cornish mining was almost unknown to the general public, attention was first called to its advantages, when properly conducted, in the "Compendium of British Mining," commenced in 1837, and published in 1843, by Mr. J. Y. WATSON, F.G.S., author of "Gleanings among Mines and Minera," "Records of Ancient Mining," "Cornish Notes" (first series, 1862), "Cornish Notes" (first series, 1862), "Cornish Notes" (day 1862), "Cornish Notes" (first series, 1862), "Cornish Notes" (first series, 1862), "Cornish Notes" (first series, 1862), "Cornish Notes" (day 1864), "With statistics of the Mining Interest, annually for 21 years, &c., &c. In the Compendium, published in 1843, Mr. WATSON Was the first to recommend the system of a "division of small risks in several mines, ensuring success in the aggregate," and Messrs. WATSON BROTHERS have always a selected list on hand. Perhaps at no former period in the annals of mining has there been more peculiar need of honest and experience advice in regard to mines and share cealing than there is at present-and, from the lengthened experience of Messrs. WATSON BROTHERS, they are emboldened to offer, thus publicly, their best services to all connected with mines or the market, as they have for so many years done privately, through the medium of their own Circular.

Messrs, WATSON BROTHERS are daily asked their opinion of particular mines, as well as to recommend mines to the best of their judgment and ability, founded on the best practical ndvice they can obtain from the mining districts, defunded on the best practical ndvice they can obtain from the mining districts, defunded on the best practical ndvice they can obtain from the mining districts, defunded on the best practical ndvice they can obtain from the mining districts, and the given and the expectations t

WATSON BROTHERS,
MINING AGENTS, STOCK AND SHAREDEALERS, &c.,
1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

MINING AGENTS, STOCK AND SHAREDEALERS, &c.,

1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

SATURDAY.—Market for tin shares very flat, in consequence of a reduction in the tin standard. Carn Brea, 135 to 140; Cook's Kitchen, 43 to 45; East Lovell, 11½ to 12½; Great Vor, 9 to 9½; South Condurrow, 8½ to 9½; Theroft, 60 to 62½; West Frances, 30 to 32½; Parys Mountain, 3% to 5½; Theroft, 60 to 62½; West Frances, 30 to 32½; Parys Mountain, 3% to 5½; Monday, 11½ to 12½; and Utah, 4½ to 4½.

MONDAY.—Market quiet; dealers busy with the settlement. Devon Consols, 140 to 160; East Basset, 16 to 18; Gawton, 6 to 6½; Great Laxey, 14½ to 15½; New Rosewarne, 12½ to 15; Treleigh Wood, 15 to 15; Grenville, 9½ to 9½; Tankerville, 18½ to 19; West Tolgus, 42½ to 47½; Buller, 37½ to 40; Old Treburgett, 22c. 6d. to 25s.; Old Bottle Hill, 7 to 8; Prince of Wales, 17s. to 18s.; South Aurora, 1½ to 2½.

TUSSDAY.—Good demand for Prince of Wales, Grenville, Tankerville, New Lovell, 23½ to 3; Cook's Kitchen, 41 to 46; Hingston Down, 3½ to 4½; New Lovell, 23½ to 3; Cook's Kitchen, 41 to 46; Hingston Down, 3½ to 4½; New Lovell, 23½ to 3; Cook's Kitchen, 44 to 46; Hingston Down, 3½ to 4½; West Tankerville, 33½ to 4; Old Treburgett, 22c. 6d. to 25s.; East Caradon, 6 to 5½; Sauth Aurora, 13½ to 3½; Cook's Kitchen, 44 to 46; Hingston Down, 3½ to 4½; New Lovell, 23½ to 3; East Greaville, 20; Mental and 13½; New Lovell, 23½ to 3; East Greaville, 3½ to 3½; Cook's Kitchen, 45 to 47; Pennerly, 4½ to 4½; Parys Mountain, 3½ to 3½; Cook's Kitchen, 45; Farker Hile, 45 to 45; Farys Mountain, 23½ to 3½; Cook's Kitchen, 45; Farker Hile, 45 to 45; Farys Mountain, 3½ to 3½; Cook's Kitchen, 45; Farker Hile, 45 to 32s.; South Aurora, 1½ to 2½.

Tankerville, 18½ to 18; Greaville, 3½ to 18; Farys Mountain, 3½ to 3½; Cook's Kitchen, 45 to 47; Fitnes of Wales, 18s. to 20s.; New Lovell, 23½ to 3; East Greaville, 3½ to 18; Farker Hile, 45 to 3; Farker Hile, 45 to 18; Far

#### THE HOWARD BOILER, SAFETY

For STATIONARY and MARINE ENGINES, has the following advantages :-

SAFETY; NO RISK from DANGEROUS EXPLOSION; HIGH-PRESSURE STEAM, with ECONOMY OF FUEL; perfect roulation, and ready means of removing sediment.

Saving of cost and time in repairs; portability, and, for export, great saving in freight.

> Patentees and Manufacturers: J. and F. HOWARD, Britannia Iron Works, Bedford. LONDON OFFICE: 4, CHEAPSIDE (three doors from St. Paul's).

#### Meetings of Mining Companies.

HINGSTON DOWN CONSOLS MINING COMPANY.

HINGSTON DOWN CONSOLS MINING COMPANY.

At the four-monthly general meeting of shareholders, on Tuesday, the accounts showed a cash balance at the bankers of 859%. 8s. 1d., and an estimated balance in favour of the mine at the next general meeting, in May, of 2490%. 10s. 11d., with a reasonably expected asset of 2000%. For ores to be sold in March and April.

The accounts having been duly passed and allowed, the question of a dividend being declared was fully discussed, the Chairman (Mr. W. A. THOMAS) expressing his opinion that it would be available to defer the matter till the next meeting, when there would be available cash at the disposal of the shareholders for the declaration of a more substantial dividend than the position of the finances now justify, it having been his policy in the mines under his care not to divide profits amongst the shareholders unless the actual cash was at the company's bankers for disposal. There was a large attendance of the shareholders, and the meeting was unanimous in deciding to defer the payment of any dividend until the next general meeting, when it is probable there will be for division about 2000%, at the same time it is anticipated that the position of the mine will then warrant the belief that the shareholders may look forward to a permanent declaration of four-monthly dividends. The report, as printed in our columns, show the actual position of the mine, so far as the underground operations are concerned, and that the produce of the mine will enable the manager to return about 400% in the next four months, at a monthly cost of 420%, or thereabouts.

The shareholders are much indebted to Capt. James Richards for the energy and perseverance he has shown in bringing the mine into its present satisfactory position; and as he and his friends are largely interested, it is honed that they, as well as his co-adventurers, may be amply rewarded for their long patterns and outlay. It is not is months show he result of what may he termed "one stroke of the pick"—a lasting mine for

submitted to the shareholders to odivide the set: (a most extensive once, it is the present shareholders the opportunity of taking a pro rada interest in the new concern, but the consideration was postponed till the meeting in May, when a special meeting will be held to decide on what course shall be pursued.

The following report was read to the meeting;—

Jan. 13.—I have pleasures in handing you my four-monthly report, which I have prepared for the meeting appointed to beld on Tuesday next, the 16th linst, showing the principal work accomplised, and the present state and future prespects of the mine.—Balley's Kngine Shaft: In the 149 west the lode is large, 6 ft. of which being carried is composed of capel, quarts, peach, mundie, and saving work for both the and copper ores. Water (more particularly towards the bottom of the drivage) flows very freely, which, with the general appearance of the lode, is most encouraging, and perseverance only is required to easure success. In the 170 west the drivage has been principally by the side of the lode; about 3 ft. which where it consists of strong mundie, capel, quartz, and copper ore, worth 1 ton per fathom, and also good saving work for tin ore. As observed in the weekly reports, water is beginning to issue from the drivage leaving a deposit of black oxide of copper ore on the walls thereof, strongly indicating a course of ore in advance of the present end. In the bottom of the 100 Griffin's wince, in course of suking at the date of last meeting, has since reached the depth of the 120, the lode proving for the whole depth a very fine course of ore, worth for the length carried (9 ft.) 100; per fathom. From the bottom of this winze (Griffin's) the 120 has been driven a short distance west, and the lode for the width carried (4 ft.) is a good course of ore, worth 38. Per fathom. The 120 has been driven east of Griffin's winze 3 fms., and this end will be haskened on as fasta as the nature of the work will admit, in order to consumitate with the 120, west of Griffin's

#### EAST TERRAS TIN MINING COMPANY.

EAST TERRAS TIN MINING COMPANY.

The general meeting of shareholders was held at the offices of the company (adjourned from the London Tavern), on Thursday,
Dr. White in the chair.

The notice convening the meeting having been read, the minutes of the last meeting were read and confirmed.
The accounts, which were allowed and passed, showed on the debit side an authorised capital of 25,000l., and liabilities 498l. 17s. 11d.; on the credit side assets were set down, shares not issued and cash, 19,763l. 16s. 7d.; lease of mines, 5000l. =24,763l. 16s. 7d. Preliminary expenses, 350l.; and expenditure, 385l. 1s. 4d.
It was resolved that Mr. Spargo's (the manager) report, embracing every particular from the commencement of the company to the present, be printed and circulated amongst the shareholders, as follows:

It was resolved that Mr. Spargo's (the manager) report, embracing every particular from the commencement of the company to the present, be printed and circulated amongst the shareholders, as follows:—

At a meeting of the promoters of this undertaking, held at the Salisbury Hotel, on Dec. 15, 1870, I was, by resolution, appeinted the London manager. Holding a large interest in the company, and knowing the property well, I have from that time to the present watched the progress of the works, and advised as to the best course for the successful development of the mine. The geological position of the sett, which is traversed by lodes, elvans, and cross-courses, similar to the mines in Gwennap, Redruth, and Camborne, embraces all the elements of success. Since the last general meeting a very accurate geological map of the district has been prepared by Mr. Symons, of Truro, a reference to which shows the position of the sett, limits, lodes, cross-courses, elvans, and junctions of granite with clay-slate, the most important features in the mining localities of Cornwall and Devon. For alluvial deposits this is one of the oldest in the West of England, but singular to say the deepest point at which it has been developed does not exceed 30 or 40 ms., a point far above the upper section of the deposit of ore met with in Cornwall and Devon. However, to a great extent being a maiden plece of ground, the principal object was to open upon the whole of the lodes as far as practicable, and in which I thick our agent, Capt. James, was eminently successful, for on Feb. 2, 1871, he wrote—"The prospects as the mine are looking favourable. We have discovered a very large lode, producing good stamping work. This lode is riding the stanniferous eigen course. I send you per rail stones of tim I broke from this lode, together with those named by Mr. Symons." And on Feb. 20 Capt. J. Edwards, late manager of the Great Wheal Busy and Great Terras Tin Mines writes—"I have been over the East Terras Bin does, it will prove a very profitable

success of the Terras Mine was the reason for adopting the title and the formation of the East Terras Mining Gompany. The fact that the whole, or nearly all of, the mare intersected by, and associated with, cross lodes and elvan dykes entered in a success of the title of the ti

pass through the sett; the facilities for obtaining supplies of every kind and sending off produce cannot be surpassed. The terms of grant, 21 years at 1-18th dues, are nunsually liberal, so that I think I have shown that for a new project the East Terras is a mining property seldom, if ever, equalled."

The opening upon the lodes having proved equal to expectation, one of the most able and practical men in the county was desired to inspect the property, and the following is a copy of his report:—

"East Terras Mine, September 20, 1871.—I have this day been over the whole of the ground belonging to this acti, which is very extensive, and has been costeaned to some great extent, and several very promising lodes intersected, as well as cross-courses and elvans, which in the Terras, the adjoining mine, have made, and still are making, some rich deposits of tin. From what can be seen from the ground laid open, which is only at a very shallow depth, on account of the water, several very promising lodes can be seen, producing rich bunches of tinstone in several places. I should strongly recommend that the costeaning be suspended at once, and an adit taken up from the valley on one of the lodes, which, in some distance, will be 30 fms. deep, or above, when you can cross-cut and prove the whole of the lodes for a very trifling expense, and select the best spot for the erection of pumping machinery for opening the ground at a deeper level. The stratum is highly mineralised, and has every appearance, if laid open with economy, of making a rich mine. The Terras lodes traverse the entire here been sold, and I have no doubt in my mind that large returns will be made at no distant period, the lodes being very numerous, and the situation everything that can be desired for opening out a profitable and lasting mine.—James Pope."

length of the sett, as well as Parquin lodes, from which large quantities of tin have been sold, and I have no doubt in my mind that large returns will be made at no distant period, the lodes being very numerous, and the situation everything that can be desired for opening out a profitable and lasting mine.—JAMES POPE."

Further discoveries having been made during that month, Capt. Peter Floyd was requested to inspect the mine, and he describes it thus:—

"East Terras Mine, Ot. 5.—Deak Sin: At your request, I have carefully inspected the above mine. My report is as follows:—This mine is situated in the parish of St. Stephen, near St. Austeil, in one of the best tin-bearing districts in Cornwall. The sett is very exicasive, being apwards of 500 fms. in length on the course of the lodes, and almost 300 fms. in breadth. There are four well-known lodes running through this mine, varying in size from 3 to 4 ft. wide, which have been opened on by the ancients; and from indications presented at surface, these lodes must have been very productive for tin, as they have been worked down as far as the water would allow—about 10 fms. from surface. It should now strongly recommend at once the adit taken up from the valley on one of the principal ides. There are other lodes in this property, which will be proved by driving the deep adit, which will be sims, from surface. It is proved by driving the deep adit, which will be sims, from surface. It is not an excellent area traversing the whole of the sett, and cross-courses intervecting an excellent area traversing the whole of the sett, and cross-courses intervecting and excellent area traversing the whole of the sett, and cross-courses intervecting the values good returns of this as short them. In looking at the Terna lodes, traversing in the whole of the sett, and or excellent and provided the sett and also capital, and recommend it with the greatest confidence, particularly as good returns of this as short time. In looking at the Terna lodes, traversing provided the sett is

#### FLAGSTAFF SILVER MINING COMPANY OF UTAH.

A general meeting of shareholders was held at the London Tavern, Bishopsgate, on Thursday, The Right Hon. Lord ROBERT MONTAGU in the chair.

Bishopsgate, on Thursday,

The Right Hon. Lord ROBERT MONTAGU in the chair.

The CHAIRMAN said the directors had been rewarded for their patience in waiting for the report from their agent. The resolution of the directors was to treat all the shareholders with perfect open-eas, so that if the mines turned out well—of which he believed there was now no doubt—the shareholders might give themselves credit for the arrangement; while if there were any mistakes—which he did not at all antipate there would be—the shareholders might share the blame. The telegram would show that there was very little chance of mistake. In order to avoid the possibility of the telegram being tampered with before it reached them, they had instructed Mr. Maxwell to telegraph in cipher (the Chairman then explained the cipher). As he supposed the meeting had hardly been able to follow him in the explaination of the telegram, he would observe that the translation of it was that the reports contained in the prospectus are substantially correct; that the property is as valuable as represented; that it is a true vein, and not a pocket; that Prof. Vincent's statement is also correct as to the value and permanent character of the property; and that the title is good and perfect. It showed, moreover, that in two months and 7 days, to Nov. 27, the profits realised amounted to \$102,330, or about 22,001. All works were suspended from Nov. 27 to Jan. 6 by the anow, which was unusual in that district; but since the late date they had been raising 30 tons a day, being 10 tons per day more than was promised in the prospectus, and equal to a profit of \$2000 per day. This would give about 12,000?, per month, which would leave an ample margin, as 600%, per month only was required for the dividend. They had only one furnace, moreover, at work at present, but no time would be lost in getting the second, which is already built, into operation. The only remaining question was as to the competency of Mr. Maxwell to report, and upon this point the directors had re

certain the genuineness of the statements, and he thought there could be no objection to completing the purchase.

Mr. ISLIP ODELL enquired whether Mr. Maxwell had had any experience in silver mining in America?—The CHAIRMAN replied that this had been ascertained before Mr. Maxwell was engaged.

Mr. JOHN FIELD said he had inspected from 60 to 70 mines in that country.

The CHAIRMAN thought they might be quite satisfied as to his competency, as he was educated under Mesers. John Taylor and Sons, and it was by that firm that he was recommended to the directors. He would take the opportunity of mentioning that there were still some abares to place, which, however, he believed there would now be no difficulty in placing.

On the proposition of Mr. Moscow, seconded by Mr. CADOGAN, the recommendation to the directors to complete the purchase was then unanimously agreed to, the proceedings terminating with the usual complimentary votes of thanks.

#### SILVER STAR MINING COMPANY.

A special meeting of shareholders was held on Jan. 13,

Mr. John Elliott in the chair.

The report of the directors, and that of Prof. Clayton (referred to in the Supplement of this week's Journal) were taken as read.

The CHAIRMAN said the board would have preferred seeing a larger attendance at the meeting, but the confidence of the shareholders was evidenced by the large number of proxies sent in. The board had also sent out Mr. Manders, and in a letter addressed to himself as chairman that gentleman reiterated his convictions that he considered the results to be obtained will far exceed those mentioned by the Professor. In fact, he thuself, in conversation with him, had expressed the same view, but he was a cautions man, and had taken good care, as indeed was his duty, to keep within the mark, adding that the Professor in his letter had stated that he considers with the additional names the company will have a certainty of success without possibility of failure. Both Mr. Manders and Mr. Clarke, the vendor, were present, and would answer any question the shareholders might desire to put. Mr. Clarke had fully satisfied the board as to the prudence of completing the amended contract with him. Mr. Manders had given reasons in detail why these additional maines should form part of the property, especialty as they were to be obtained with of additional cost. Mr. Clarke had undertaken to acquire those mines and hand them over, as well also as the water rights, to the company free of all cost. A reference to Professor Clayton's report-showed that the capital he deemed necessary to work the mines with a 20-stamps mill was considerably in excess of that provided by the constitution of the company, and at some future period to the provided by the constitution of the company and at some future period to the provided by the constitution of the company and at some future period to the lower of the provided by the constitution of the company and at some future period to the lower of the provided by the constitution of the

veloped gave them an opportunity of commencing at once with the 10-stamps mill. Mr. Clarke says that we may expect returns from that in 90 days after sommencement of the work. It would, perhaps, be predect to name a larger period. Mr. Clarke would remain some time at the mines to aid in working them. The directors had nearly completed their arrangements, and would endeavour to adopt the best course, and they must be content to commence on a smaller scale, and thus win the confidence necessary to ensure the grander results. He concluded by moving "That this meeting, having read Mr. Clayton's report on the Silver Star Mines and the directors' report in reference thereto, and having considered the recommendations and explanations of the directors, do confirm the contract for the purchase of the mines, as altered and amended, and authorise its being carried out."

Mr. T. C. TAYLOR seconded the motion. He wished to know whether there was any doubt about the supply of water.—Mr. MANDERS: No; we have got the springs, and we shall have an ample supply at all times.

The CHAIRMAN, in reply to further questions, said the mines were not so low that it would be necessary to drain them. The mines were situated on the sides of the mountains, and easy of access.

the mountains, and easy of access.

Several shareholders expressed themselves satisfied, and the resolution was nanimously adopted.

Upon the metion of March 1988.

the motion of Mr. C. K. CROUCH, a unanimous vote of thanks was to the Chairman, and the proceedings terminated.

#### SOUTH AURORA SILVER MINING COMPANY.

An adjourned general meeting of shareholders was held at the

An adjourned general meeting of shareholders was held at the London Tavern, on Thursday,
Mr. SATTERTHWAITE in the chair.

Mr. CADOGAN (secretary) read the notice convening the meeting.
The CHAIRMAN said it would be recollected that at the extraordinary general meeting a resolution was passed to the following effect:
"That the report of the committee be received, and that the directors and committee be authorised to negociate with the vendors the settlement of all questions of difference between them and the company; and when such arrangement shall have been provisionally concluded the same to be submitted for approval, or otherwise, to a special general meeting."
The committee and directors had had frequent meetings since that time, and certain propositions had been submitted to the vendors, but at present it would be informal and improper to enter into the matter. This was the adjourned general meeting, and he had merely to propose that it be adjourned to Thursday, Feb. 1, at 2 o'clock. When the negociations with the vendors shall have been completed an extraordinary general meeting will be adjourn the general meeting.

Mr. CUSAMS seconded the proposition, which was put and carried unanimously. A vote of thanks to the Chairman having been passed the meeting was adjourned to Fob. 1.

MONTE ALBO MINING COMPANY.

#### MONTE ALBO MINING COMPANY.

The third ordinary general meeting of shareholders was held at the offices, Queen-street-place, yesterday,
Mr. GEORGE SHEWARD in the chair.

Mr. W. G. WILLIAMS (the secretary) read the notice convening the

meeting.

The report of the directors stated that the further expenditure in developing the mines to Oct. 31 amounted to 3531/. 1s. 5d. The greater part of the period embraced by the present accounts comprises the summer months, when mining operations in Sardinia are practically suspended; and nearly the whole of October was occupied in preparatory works for the current campaign. It san, therefore, only be by the accounts to be ladd before the next ordinary general meeting that a correct appreciation of the results of the whole twelvemonth's working can be obtained. Immediately after the passing of the resolution on July 21, empowering the directors to borrow 20,000/. on the security of mortgage debenture bonds, the directors communicated with the shareholders, inviting them to send in subscriptions for such bonds, but the applications received in reply were but for a comparatively small portion of the amount required. But one of the largest shareholders, who had before given most valuable help to the enterprise, and who had already subscribed for, a large amount of the bonds, came for ward and undertook to place the remaining bonds. The directors were thus enabled to get the whole of the bonds taken up by the beginning of October. On Oct. 7 the mortgage of 5000/. was paid off, and the contract consequent on that mortgage cancelled. All the new machinery has been dispatched, and advices have come to band that a portion, including one of the steam-engines, has been landed at Siniscola. The mine agents have been busily occupied during the last two or three months in preparing foundations for the steam-engines, has been landed works for the erection of the machinery.

The directors think it right that the arreholders should know that they have experienced very considerable annoquices and difficulty from the proceedings of the vendor of the property. Various claims have been made upon the company for amounts which had been already passed in account. In order to avoid legal proceedings the directors have paid one of neeting.

The report of the directors stated that the further expenditure in

been wished, and had it not been for a very good friend, who had assisted the company upon a previous occasion, coming forward, the subscription for the 20,000*l*. debentures would not have been completed, without which the directors could not have proceeded. The terms upon which the debentures were issued were settled at the last meeting, but there was one item among the assets of nearly 7000l, to which he wished to refer. The balance-sheet was made up to 70002, to which he wished to refer. The balance-sheet was made up to October 31, 1871, and a large portion of that item was for instalments on the bonds, some of which had since been paid. The most unfortunate part of their affairs was the difficulty arising with the vendor of the property. When the property was introduced the vendor, or rather his legal adviser, led the directors to believe the property was free and unencumbered; and it was only after having paid a large sum of money they discovered a firm at Marseilles'had a lien of the property, the vendor holding an equity of redemption. The directors compelled the vendor to make complete the registration of the title, and were compelled to advance him a large sum of money upon his shares, the vendor giving a note of hand, which he (the Chairman) need hardly say had not been honoured. There was no doubt he would be brought to book; at the same time, such proceedings were vexatious, although possibly they might not result in a the Chairman heed hardy say had not been honoured. There was no doubt he would be brought to book; at the same time, such proceedings were vexatious, although possibly they might not result in a pecuniary loss. At the last meeting a question arose with regard to the claim of the amount of 3000, or 4000. for preliminary expenses, and a very large shareholder gave as his opinion the directors would not only not be justified in discharging that claim, but that the solicitor should not have his claim satisfied, on account of the insufficiency of his investigation of the title before he allowed the directors to take over the property. He (the Chairman) knew there was a very strong feeling among some of the shareholders with regard to that account; and, therefore, he should like the acceptance or rejection of it by the board should have the full sanction of the shareholders. The account must be paid, or else the directors must say to those gentlement the validity of the account was not admitted until all questions between the company had suffered pecuniarily, but, on the other band, it might be that they would be considerable sufferers. The question that arcse was, whether they ought to pay parties strough whose forgetfulness, to use the mildest term, the company had sustained damage. He did think the best thing that ever happened to the company was the removal of its offices to Queen-atterel place. He felt he had reason to be satisfied that he was in perfectly safe hands, but the high standing of the Messrs. Taylor justified him in stating that they had the right men in the right place. (Hear, hear.) He concluded by moving that the report and balance-sheet be received and adopted.

Mr. C. CHAMBERS seconded the proposition.

The CHAMBERS ac condonation.

The SECRETARY at the request of a shareholder, read a letter from the firm of solicitors requesting a settlement of their claim for preliminary expenses.

Mr. C. Chambers seconded the proposition.

The Chairman, in reply to a question, stated that the board had had to pay off 5000, mortgage. The shares were taken from the vendor only as a collateral security, and not as a condonation.

The Scortarn at the request of a shareholder, read a letter from the firm of solicitors requesting a settlement of their claim for preliminary expenses.

The Chairman said before the agreement was signed he put the question to the solicitors—"Are you satisfied the title to the company is what it ought to be—I ask you as the solicitors the company?" The solicitor replied—"I its;" and a resolution fully carrying out that statement was passed by the board, and entered on the minutes. It was afterwards found that the original concession contained a reserve, which under any circumstances the attention of the board should have been called to before they were allowed to pay the money.

Mr. RICHARD TAYLOR said, when his brother and himself undertook the management of this mine they did not contemplate any other responsibility beyond the future management, and were not prepared to encounter any other difficulties beyond those his parable from the working of mines in a distant country. Before accepting the management they enquired into the original constitution of the company and its past history, and of course examined the minute-book, understanding that very eminent solicitors had been employed by the board, that the necessary steps had been taken to enquire into the title, and that the board had required from the solicitors and assurance that the the title was not expendent the solicitor had been employed by the board, that it force, and capable of being transferred to the board that the title was not expense and capable of being transferred to the board that the title was not expense and capable of being transferred to the board that the title was not possible to make much progress. Funds not being forthcoming it was a long time before the board of directors were in a position to warrant

ceipf, so that he hoped they would be able to turn to account a good "dredge ore" which had accumulated in former years. He hoped he end of the present campaign they would have a good return of that class In the meantime, the underground works were proceeding satisfactors were adding to the stock of discovered ore which was reported by Caps, at the last meeting. It was rather early to give a decided opinion upon the state of the s

#### PORT PHILLIP AND COLONIAL GOLD MINING COMPA

PORT PHILLIP AND COLONIAL GOLD MINING COMPLICATION STILLS PORT PHILLIP AND COLONIAL GOLD MINING COMPLICATION STILLS PROBLEM TO THE ORDINARY MEETING WEST PHILLIP AND COLONIAL GOLD MINING COMPLICATION STILLS WEST PHILLIP AND COLONIAL GOLD MINING COMPLICATION TO THE PROPERTY OF THE WAY TO THE WAY THE WAY

UNITY WOOD.—A large body of influential gentlemen assemble Sin,—The Bennetts' Hotel, St. Day, on Jan. 11, for the purpose of formiroes far at company to re-work these once very profitable mines. In the grand avoidable absence of Sir F. Williams, Bart., who has take it if way a quarter of the concern, Mr. W. Michell (of Cornhill, London fellow miles to the chair, who, with his London friends, have take any, and half the mine, leaving the other quarter to be distributed an han any of the gentlemen of the locality. Such was the call for share iterating to over. A strong belief is entertained that this property will accomplete time. room that the whole mine could have been allotted two or three over. A strong belief is entertained that this property will see with the richest tin mines in the county, as it had in a former ing made upwards of 40,000l. profit from the adit to the 36, and when below 40l, per ton. About the year 1830 the mine began to improve fers wher, from the lowness of the price of tin, more attention was being copper, and which turned out to be even more profitable than the tin was large profits having been made several years in succession. These minese abandoned from poverty, but the difficulty, or rather the impossibility, taining a renewal of the leases. Although the present company is meaning tensibly to work for tin, there are still remaining fine bunches of copy which the old company had not time to remove. With copper and this are expected to be in a profitable condition almost immediately they in watered, and this can be accomplished easily and quickly. It is estimated to the day of the meeting.

WHEAL AGAR—At a meeting of adventurers on In 118

WHEAL AGAR.—At a meeting of adventurers, on Jan. 11, and the said, be counts showed—Assets, 746t. 2s. 3d.; liabilities, 1938t. 4s. 4d. A call of FLOREN share was made. Capt. E. Rogers says—"We have set the building of aver's Jour gine-house and whim house, which are to be built by the 1st of April. fevelopment most anxious to have this work done, that the shareholders may see men menced open thin discovered than they have as yet—enough, I trust, to satisfy them is fined at be possess a very valuable mine."

SOUTH WARD MINE.—At the meeting, on Wednesday, the action of a cash balance of 471, 13s. 7d., and estimated balance against 47971, 19s. A call of 7s. 6d. per share was made.

showed a cash balance of 471, 13s. 70., and estimated balance against in approximately a controlled to the charty. A call of 7s. 6d. per share was made.

EAST GUNNISLAKE AND SOUTH BEDFORD CONSOLS MISS-1s. 2f. the three-mouthly meeting of shareholders, on Tuesday (Mr. James an and the charty, an account of expenditure and receipts, showing a cash bit match. 31l. 19s., was laid before the meeting, and passed. An estimated accomisments and receipts before the moeting to be held in April mext, showing mated balance against the mine of 350s., was also laid before the meeting mated balance against the mine of 350s., was also laid before the meeting mated balance against the mine of 350s., was also laid before the meeting improvement at each of these points.

CARNELLOE MINE.—At the meeting of shareholders, on Teirsctor (Mr. W. G. Nettle in the chair), the accounts for the six months endighten on the showed a credit balance of 16t. 9s. 8d. A call of 1s. 6d. per share without there can scarcely be a doubt but that the mine can soon be worked simultance of the six months endighten on the call of the will over the working expesses.

WHEAL GRANBLER.—At a meeting of shareholders, on Ten the accounts for the six months and of the controlled of the six months and of the sound of the six months endighten on the s

(Mr. W. P. Cardozo in the chair) the accounts for the three months self-of, per hyember showed a credit balance of 291. Its. A call of 10s, per share wands to d Capts. W. and J. Tregay reported that they had immediate prospectiven the them, which are second to none in the neighbourhood.

#### [ADVERTISEMENT.]

From Mr. J. HUME:—The tone of the share market may his reacterised as being of a healthy condition, with strong signs of continuous copper, afford a basis for the expectation of a long course of programing activity. The high price of tin, and the advancing appendicular to like; Devon Consols, 142½ to 147½; Marke Valley, 5½ to 6: South Cossis, to 9; Wheat Uny, 6½ to 7½, the depression being caused by exceeding the mines are in the ascendant, Tankerville, 18½ to 11½; to 18½; to 11½; to 14½; the depression being caused by exceeding the mines. Lead mines are in the ascendant, Tankerville, 18½ to 11½; to

RELIEF OF COUGH AND ASTHMA IN TEN MINUTES BY Dom of the COCK'S WAPERS.—From Mr. Fox, Omnibus Office, Whitefield-road, Livecurean Dec. 19, 1871:—"After years of severe suffering, and fearing many and reper far night I should have died from suffocation, &c., I was induced to try Dr. Waters. Ten minutes after I had taken two waters I felt relief."

AUSTRALE.

HOLLOWAY'S PILLS—DELICATE HEALTH.—In debility, will be pub and nervousness, generated by excess of any kind, whether mental or court the effect of these pills is in the highest degree bracing, renovating, as we trive. They drive from the system the mordid cause of disease, whether be evident or its situation undiscoverable; they re-establish the discussion of the state of the process system, raise the patient and bring back the frame to its prestine health and vigour. Hollowitost, I increase the appetite, while they secure perfect digestion to all ordisals and release the invalid from restraint in diet. In a word, whatever the decline, the pills place the patient in the position most favourable was

#### Original Congespondence.

#### THE CORNISH MINER.

THE CORNISH MINER.
Finding that my coal bill had risen to an enormous extent, notwithstanding the high prices, my last supply was only if the usual quantity, and feeling surprised at the difference these and former times, when I was constantly pressed to take took, I made enquiry of my merchant, who informs me that ences the same difficulty; and on telegraphing a short time company in the habit of supplying him, they informed him should be most happy to comply with his request as usual, really they could not do so until their masters falt inclined. It is not not complied to my more modern enlightenment, are the men, who, upon some little vagary of their own, had been for something like five weeks, and in all probability, if their re not complied with, would still stand out, they, in the being supplied from Trades Unions with funds to uphold dleness and, it is hardly too much to say, drunkenness for unt of time longer.

lileness and, it is hardly too much to say, drunkenness for ant of time longer.

In these facts to show that if the present movement in the West be given way to, the employers may here also adergo the same ordeal. I would, therefore, impress upon made employers of labour the wisdom of conveying to the he agitators of the present movement the forcible fact that aventurers need not submit to this arbitrary code; and it fairly and firmly represented at the meeting to be held at the donay next that with the present standard, and the chance ag still higher, those who have capital to invest, rather than be designated oppressors of the working man by residents may pretending to be the miner's friend, can, without much seek for other fields of enterprise, where they can calculate with as good a return for their outlay as they can hope county of Cornwall.

No use shuting our eyes to the fact, which is as clear as

ing with as good a return for their outlay as they can hope in county of Cornwall.

If no use shuting our eyes to the fact, which is as clear as at noonday, that the copper standard can never reach anyte to the standard of the without moving foreign enterprise, and it is not a country in the world that is not traversed either er or other lodes that, with capital properly applied, would mparison with—if they do not excel—the most productive ver discovered in Cornwall, good as they have proved to be, should be clearly and fearlessly explained, and it should also nughly understood that, with all our love for home enterprise, constant agitations in the shape of strikes and interferences employers' arrangements for the good of all concerned be of, capital and enterprise will assuredly be transferred to urts of the world, as has already been done in other instances. a throughout the county, although the copper standard has t made a rise, have unsolicited been raised to such an extent ners are already returning from abroad to partake of the nly just made a rise, have unsolicited been raised to such an extent hat minera are already returning from abroad to partake of the prosperity, and yet the county is full of agitation, the miners (or heir so-called friends) not only demanding their own scale of wages, but claiming to have the setting, pay, and other arrangements accommodated to their particular ideas of management.

As expressed in the practical letter of your correspondent in the Jupplement to last week's Journal, "A Manager of Mines" in Ireand, those to derive benefit from the four-weeks movement would be the mine agent and monthly men; as to the underground miner, it is manifestly a ruse to obtain higher wages,

VIATOR.

NEW QUEBRADA COMPANY.

BIR,—The recent activity in the dealings in the shares of this company, at irices far above that which for a long period they were dealt in, has induced a arge number of the shareholders (perhaps not unnaturally) to write to me to sk if I would advise them now to sell. I cannot take the responsibility of adising anybody, but as they say "example is better than precept," if they like o follow mine they can do so. I am one of the largest shareholders in the comany, and obliving, as I conscientiously do, from my long acquaintance with he property, that this company's copper mines are of far more intrinsic value han any, or all combined, of the much-vaunted silver mines of Nevada, I shall crtainly not sell until I am convinced that there are no means by which the re can be brought to the shipping port, a distance of only 65 miles, within a reasonable time and at a reasonable cost. There are, as I understand, more than ne plan mader the immediate consideration of the board, and although I do not retend to be in all their secrets, yet I am induced to hope that there may be mongst them one at least to which I can give my hearty concurrence and active co-operation, as I have the authority of the Venezuelan Government to say hat they will give every assistance and encouragement in their power to any ian that meets with my approval.

Freed. H. HEMMING. 25, Morgade-street, Jan. 19.

[For remainder of Original Correspondence see this day's Supplement 1

nainder of Original Correspondence see this day's Supplement.]

[For remainder of Original Correspondence see this day's Supplement.]

MINING NOTABILIA.

[EXTRACTS FROM OUR MINING CORRESPONDENCE.]

GLASGOW CARADON.—A fortnight ago there was an advance of 5 per cent. on the price of this stock, and we now find by reference to the Glascow Exchange official list that the advance bareached 50 per cent., a dividend, tie said, being about to be declared by the directors forthwith.

FLOEMCE TIM MINING COMPANY (Perranuthnee).—In our last receive Journal we gave particulars of the highly satisfactory way in which the levelopment of this mine had then progressed since the present coupany commenced operations in August last; and now, within one short week, we are granified at being able to announce that one of the great objects—outting the Milliscool standard lode—has been necomplished, and that other and most important importants have taken place. On the 13th inst. the purser worke to the nertary as follows:—'I am happy to inform you that Florence is very much improvements have taken place. On the 13th inst. the purser worke to the nertary as follows:—'I am happy to inform you that Florence is very much impressed. In our bottom end west, on Fisher's lode, there is a good course of in, fole 4 ft. wide, and rich. In the same level east there is a good course of in, fole 4 ft. wide, and rich. In the same level east there is a good course of in, fole 4 ft. wide, and erely rich. The stopes in the back of this level are very good, and urning out well. The 20 from surface, on the same lode, is yielding good instant, a very fine and good lode, and the 10 west is very much improved. It is all the producing good time, and while soon, in my opinion, be a first-rate ode, and the producing good time, and will soon, in my opinion, be a first-rate ode, the Millpool Standard is a very large lode, varying from 5 to 12 ft. wide, on while the sound says to get through it. Generally speaking the north part is best. We have cut the south part, which is very rich. The start when the south part which is re

DESPIER MINE.—I have this day (Jan. 17) had a sample taken com the lode in the deep adit assayed. It yields as follows:—3 cwt. 1 qr. 3 lbs. tin to the ton of stuff. The tin is of a superior quality. I have not taken own any more of the lode. We have a first-rate mine.

#### FOREIGN MINES.

FOREIGN MINES.

WEST CANADA,—Dec, 8: Wellington: The new stope below the property of the prope

e pur fathous.
[For remainder of Foreign Mines see to-day's Supplement,]

AUSTRALIAN NEWS.—Our AUSTRALIAN MINING SUPPLEMENT ill be published with next week's Journal; in which also will appear the Reports from all the Australian Mining Companies.

We have much pleasure in announcing that Stephen Henry Em-ces, In., D.C.L., has joined the board of the Derpark Mining Company, A large amount of applications for certificates in the Government oat Investment Company has been sent in, and the closing question is 1 to

on General Omnibus Company,—The traffic receipts for ending January 14 were 89741, 168, 84.

#### THE SOUTH FOWEY CONSOLS COPPER MINE.

In 6000 shares, of which 3000 are already placed, the remainder being now offered for public subscription. £1 5s. payable on application.

Future calls to be made as required, the mine being worked upon the "Cost Book" principle.

the "Gost Book" principle.

E. W. B. WILLYAMS, Esq., M.P., Nanskeval, St. Columb, Cornwall.
NICHOLAS KENDALL, Esq., tate M.P. for East Cornwall.
The Rev. EDWARD JOHN TREFFRY, D.C.L., Place, Fower, Cornwall.
WILLIAM WEST, Esq., C.E., Tredenham House, St. Blazey, Cornwall.
BARTHOLOMEW G. GIDLEY, Rsq., late Mayor of Exeter.
WILLIAM BROWNE, Esq., St. Austell, Cornwall.
GEORGE HAY DONALDSON, Esq., 21, Great Winchester-street,
Lient.-Col. JOHN MONEY CARTER, 24, Charles-street, St. James.
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THE SOUTH CORNWALL BANK, St. Austell,
SOLICITORS—Messr. BAKER and BLAKER, 3, Cloak-lane, Cannon-street,
BBOKER—WALTER MILLINGTON, Esq., 61, Old Broad-street,
SECRETARY—WILLIAM POLKINGHORNE, Esq.
OPFICES.
No. 4, WESTMINSTER CHAMBERS, VICTORIA STREET, LONDON.

ABRIDGED PROSPECTUS.

ABRIDGED PROSPECTUS.

This mine, situate at Tywardreath, in Cornwall, ites in one of the richest ore listricts in the county, and was commenced about four years since by a body of gentiemen as shareholders, who subscribed the entire capital of 3000 shares. Operations have since been prosecuted in its development, resulting in the sutting of different copper lodes of a highly promising character, the further working of which justify most hopeful anticipations of future success.

The shareholders, as a consequence, feel encouraged to enlarge the area of these operations by the erection of powerful machinery and the employment of noreased manual labour, by which means a full and speedy realisation of the resources of the mine will be insured.

With this view it has been resolved to increase the number of shares to 6000, ya a sub-division of those originally issued, one-half of which are now offered or public abscription.

win one view it has been resolved to increase the number of shares to 6000, by a sub-division of those originally issued, one-half of which are now offered for public subscription.

It is asserted it many experienced mining agents, as well as numerous working miners, that a more promising piece of unwrought mining ground does not exist in Cornwall. Their expectations are mainly founded upon the fact that it lies directly between the once famous "Par Consols" and "Fowey Consols," two of the most productive mines in the county, having together yielded Three Millions Sterring in copper and it nores, and upwards of Four Hundred Thousand Pounds as profit to the shareholders.

The epiendic idees which constituted the wealth of those mines run parallel with the lodes of the South Fowey Consols. There would appear, therefore, to be no reason whatever why, upon a vigorous working, similar riches should not be obtained by this company. Those who may not unreasonably be supposed to be the best judges, the experienced residents of the district, are of that opinion, and have given a convincing proof by largely subscribing towards the original capital.

The work which has been accompilabed is the sinking of a shaft to the 45 fm. level below the adit, and the driving of cross-cuts and levels on the source of

and have given a convincing proof by largely subscribing towards the original capital.

The work which has been accomplished is the sinking of a shaft to the 45 fm. level below the adit, and the driving of cross-cuts and levels on the course of the lode at the adit, the 30 and the 45 fm. levels to the extent of nearly 400 fms. Another shaft, called "Sawle's," which has been sunk in the western part of the sett, requires simply the water withdrawn (which can be easily done, in order to likewise raise copper over in large quantities. In a former working many thousands of pounds worth were sold from this part of the mine. Another favourable feature is the recent increase in the market value of copper, equal to £25 per ton, and the prospect of still better prices in the last few months, risen as much as £45 to £50 per shares.

The South Fowey Consols Mine is worked hupon the Cost-book Principle, the most economical of all systems, and which possesses the further important advantage that any shareholder can, whenever he pleases, terminate his future liability by simply giving a written notice of his desire so to do.

To the present time the calls have amounted to £18s, upon each six thousandth share, averaging about 2s. 3d, per share every four months, when, in compliance with the Stannaries Laws, meetings have been held, and the result of recent working, and the financial position of the undertaking, made known to the proprietary.

Prospectuses, with forms of application for shares, or any further informa-

working, and the financial position of the undertaking, made known to the proprietary.

Prospectuses, with forms of application for shares, or any further information, may be obtained of the bankers, brokers, or solicitors, or at the offices of the company, where plans of the mine and specimens of copper ore may be seen. Each application to be accompanied by a payment of £1 5s, per share.

#### THE CARDIGANSHIRE OLD BOG MINE

(LIMITED). Incorporated under "The Companies Acts, 1862 and 1867."

Capital £30,000, in 12,000 Shares of £2 10s. each. £0 10 per share to be paid on application.

1 0 ,, allotment,
1 0 ,, one month after allotment, when all liability will cease

#2 10

Where no allotment can be made the deposit will be returned without delay.

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J. F. BINES, Esq., 44, Queen's road, Peckham, Surrey.

S. HARLEY KOUGH, Esq., shewsbury and Church Stretton.

BANKERS.

Messrs. ROCKE, EYTON, and CO., Shrewsbury,

THEIR LONDON AGENTS.

Messrs. RUCKE, RITON, and CO., Shrewsoury,
THEIR LONDON AGENTS.
Mcssrs. ROBARTS, LUBBOCK, and CO., Lombard-street.
BROKER.
ARCHIBALD SMYTHE, Esq., Throgmorton-chambers, London, E.C.
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SEGRETARY -Mr. E. CAVENDISH TAHOURDIN.
REGISTERED OFFICES.—CLAREMONT STREET, SHREWSBURY.

#### PROSPECTUS,

PROSPECTUS,

This company is formed for the purpose of acquiring and working the celebrated Cardiganshire Old Bog Mine, situate in the parish of Lianbadarnfawr, in the county of Cardigan, and in one of the most productive zones of that richly metalliferous district—a district which has been worked for a long period and to greater profit than any other in the Principality.

The sett is a very extensive one, having a run of upwards of 500 fathoms on the course of the lodes. It is bounded on the east by the River Rheidol, and on the south and south-west by Clara Consols and Llywernog Mines, and is immediately contignous to many other important mines, one which, in close proximity, and known as Powell United, has recently been purchased for £38,000.

The ground of the control of the grant is everything that could be desired for the profitable production of lead ore.

The stratum is the clay slate of the Lower Silurian formation, which according to the experience of the district is found to carry the largest and riches verinshere exhibiting a massive bedding, in consequence of which it appears that the veins increase in width, expanding in some cases to 20 feet.

Many well-defined veins bearing nearly due east and west traverse the sett, and are crossed by others having their direction about north-west and southeast, which form several important junctions, where large deposits of ore will most probably be found, judging by experience gained in similar instances in the district.

Two lodes have been exp'ored to some extent by means of shafts; one to a depth of 49 fathoms, and the other, more recently, has been sunk on for about 294 fathoms.

From the deepshaft, and the workings in connection with it, large quantities

depth of 4º fathoms, and the other, more recently, has been sunk on for about 9½ fathoms.

From the deepshaft, and the workings in connection with it, large quantities of lead ore have been raised by former workers, and from the new shaft, which is sunk in a pipe of ore from surface, a quantity of lead was produced, some of which is to be seen on the ground at the present time.

It is now found necessary to erect pumping and other machinery in order to continue the working of the mine in an efficient manner, and it is confidently anticipated that with adoquate means to carry out its proper development the Cardiganshire Old Bog Mine will speedfly realise the strong promises of success afforded by results obtained from the shallow workings already executed.

The natural advantages of the sett form a very important element in the anticipations entertained as to the ultimate success of its full development. The configuration of the ground is so peculiar as to allow of very extensive explorations in virgin ground which can be done by means of adia levels being driven at a comparatively trifling expense.

There is at ample and continuous supply of water, which might at any time be increased to an unlimited extent, and at a small cost, by forming a connection with the River Rheidol, which is the eastern boundary of the sett. This mine is also excellently placed for the carriage of ores and materials, being only 11½ miles from the port of Aberystwith, to which there is an excellent turnpike toad.

The property is held under lease, dated the Sist day of December, 1868, from

se property is held under lease, dated the 31st day of December, 1868, from

Sir Pryse Pryse, Bart., for 21 years at 1-14th royalty.

The only contract entered into is one dated 10th October, 1871, between Samuel Juckes of the first part, and Alfred Layton of the second part, whereby the company acquires all the interests of the vendor for the sum of £15,500, of which £600 is to be paid in cash by instalments, and £7500 in fully paid-up shares. Further particulars of the property will be found in the following reports written by authorities conversant with the locality.

Applications for shares must be made, accompanied by the deposit of 10s. per share, on the form annexed to the prospectus, and can be sent dither to the bankers, broker, or the secretary at the London Shrewsbury offices of the company, from whom prospectuses, with reports and plans, can be obtained.

Board Room, 28th November, 1871.

#### REPORTS UPON THE CARDIGANSHIRE OLD BOG MINE.

REPORTS UPON THE CARDIGANSHIRE OLD BOG MINE.

Ponterwyd, July 21st, 1871.—These mines are situate about eleven miles from
the town of Aberystwith, and half a mile north from the turopike road leading
from that town to Llanidioes, and in the centre of the richest lead-mining district of Cardiganshire. The rock is light-blue clay slate, the same as prevails
throughout this district where rich mines are. In years gone by the Bog portion
was worked to the depth of 40 fms, and the loude was productive near 20 fms. In
length, no levels being driven, either east or west, further than the productive
portion of the lode; and it was abandoned through the inadequacy of the old
machinery, which was coinpietely worn out. Seven distinct todes pass through
the sect, but on only one, called the Bog lode, have any trials been made, with
the exception of a trial pit being sunk on a lode 25 lations. Bond, and the
lode to the depth of 9 fathoms, and from which a nice pile of as some contains
and now lying ear the said pit. This and the Bog lode form a junction about
large deposits of lead ore being met with. There are several modes by which
large deposits of lead ore being met with. There are several modes by which
this soft can be worked—by forking the water from the Bog, and cross-cutting
south to the before-mentioned lode; or by driving a cross-cut from the soath

side of a mountain, which would come in sufficiently deep to unwater the old mine, besides crossing several lodes on which no trials have as yet been made; or by driving levels on the ourse of the different lodes from the beatern portion of the sett near the River Rheidol, which levels, before reaching the Bog shaft, would have backs of from 60 to 70 fathoms. Several trials have been made on the lodes near the bed of the river, and in each they were found to contain lead orc. The waver from the before-mentioned river can be brought to work any machinery that might be required for pumping, dressing, &c. From my experience of the district, having been engaged as agent of several mines here for the last 39 years, I think this sett a most promising one, that only requires developing to make a rich and dividend-paying mine.

JAMES LESTER.

one. The water from the between minioned street can be brought to work any unachinery that might be required for pumping, dressing &c. Prom my experience of the district, having been engaged as agent of several mines here for the last 23 years, I think this set a most promising one, that only requires developing to make a rich and dividend-paying mine.

Aberysteldth, July 27nd, 1817. — In turnbling you with my report of this mine, I will briefly state that its situation is ¾ mile to the north of the "Gegeridyn Arms, Ponterwydd," adojust the Clara Mile to the south, Llywernog to the water that it is received that the situation is ¾ mile to the north of the "Gegeridyn Arms, Ponterwydd," adojust the Clara Mile to the south, Llywernog to the water in the first of the Control of t

Manager of the Bog and Pennerly Mine, Shropshire, and Consulting Engineer of Perkins Beach Mine, Shropshire.

Perkin's Beach Mine, 22nd July, 1871.—At your request I have frequently visited that very valuable piece of ground, known as the Old Bog Mine in Cardiganshire, and I am convinced of its great value. It is situate in the very heart of a highly mineralised and mining district, adjoining so many good and valuable mines, aiready producing lead ore at their respective depths. Through this Old Bog sett many large lodes run, those cast and west being intersected by caunters north of west, and south of east, which form junctions, and we may reasonably expect large deposits of ore at these points. The Old Bog lode has been the chief point of operations by former adventurers who sunk and stoped upwards of 40 fathoms deep, from the crown of the bill, and about 30 fathoms in length, raising large quantities of ore in their workings. The pipe or shoot of ore upon which they worked no doubt continues its fruitfulness below the present workings. Since the mine ceased its operations a small costeaning shaft has been sunk abour 9 fathoms, so recently as two years back, on another lode only about 15 fathoms south of the Old Bog lode, and in this shaft a pipe of ore was discovered at grass, from which was taken some very valuable orestuff; a part of it is now, to be seen at surface. Besides these two lodes which have proved productive, there are several others passing through the set to end of the very developed. The advantages of this set over other mines adjoining or in proximity to it are great, as on the east side of the mountain a deep adit level can be driven on the course of one of the lodes airady cut on the bank of the Rheidol river, which will give upwards of 70 fathoms of backs, and a cross-cut north and south will intersect the four cast and west lodes. A turbine could be placed at or near this deep adit, and ample water readily taken from the river to work in the ourse of one of the lodes airady cut on the ba

he discoverer, upwards of 40 year

HANDASYDE'S BOILER COMPOSITION—
(C. H. HANDASYDE AND CO., DALKEITH, N.B.)

For the PREVENTION of INCRUSTATIONS in STEAM BOILERS.
Net price, 12s. 6d. per cwt.; 5 cwt. orders carriage paid; free from acids.

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Established in 1868.
The fullest and reliable information relative to Australian Gold Mine Investments can always be obtained from the melersigned.
THOMAS DICKER.
(Late Editor of the "Mining Record," Melbourne).

THE TIN MINES OF CORNWALL AND DEVON-THEIR PRESENT POSITION AND PROSPECTS.

By THOMAS SPARGO.

Mining Engineer and Stock and Sharedealer, Greaham House, London, E.C.

Price &a., post free.

# Mining Correspondenge.

BRITISH MINES.

BRITISH MINES.

ALI,T-Y-CRIB.—J. Clint, Jan. 17: We are progressing very favourably with the driving of cross-cut in 40 fm. level to communicate with the low adit level to make the communication complete. As I gave you a full report of all things last work, I can only add that all is going on in a most satisfactory way. The winzo in the 20, 20 fathoms east of engine-shaft, is going down in a splendid bunch of ore, and will produce over 3 tons of lead ore per fathom. The 20 west is much the same as when last reported on; we havestill a strong lode, over 3 ft. wilde, and of a g. od character. which will yield somewhere about 3 tons of lead ore per fathom. I may just add that Mr. Greene, the engineer from Aberystwith, fully inspected the mine last Saturday, and expressed himself very freely in favour of our mine.

BEDFORD CONSOLS.—Joseph Mitchell, Jan. 13: I beg to hand you my report of this mine, including the different lodes, which are seven in number, and all productive of tin and copper ore, of which I consider the Gawton main lode is the principal, on which the middle adit whim-shaft is sunk, and communicated with the said adit. This lode has been found productive of copper to the value of 3 and 4 tons per fathom, in places over 70 fms. in length, and evidently shows to have passed over a rich shoot of ore in the adit drivage, consequently I would first call your attention to prepare this whim-shaft to receive a line of flat-rods from the engine wheel, and necessary pixork for sinking below the adit level without delay, in order to obtain first a 10 fm, level below adit, and extend drivage both east and west therefrom: this point is most important for copper ore, and will, without the slightest doubt, tell its own satisfactory tale in the market. Secondly, I would strongly recommend the preparation of the shallow adit air-shaft to be made complete for the reception of pixork, and sunk below the level at the point of such sorting points are sufficient to put the mine in a mostasilafactary condition, exceed we

next month, when I hope to have a good stream of water for dressing the ore. The contractor has men laying out the dressing-floors, and all things are being pushed on as fast as possible.

BLAEN CARLAN, —J. Evans, Jan. 16: Engine-Shaft: The 20 cast and west are much the same as when reported on last week; the castern level is worth about ½ ton per fathom, and the western about 5 eves, per fathom, both looking well for further improvement; but we have several fathoms yet to drive easily before we reach the dip of ore. No. 1 stope east, in the back of the loffen level, is of the average value of 1 ton per fathom; and No. 2 stope, in the back of the of adit, and east of shaft, is not looking quite so good; it is now worth 1½ ton per fathom. No. 2 stope, of same level, is worth 1 ton per fathom. No. as the looking quite so good; it is now worth 1½ ton per fathom. No. 2 stope, of same level, is worth 1 ton per fathom. No alteration in the main adit going north, nor in the new adit south.

BLUE HILLS.—S. Bennetts, A. Gripe, Jan. 12: The 66 cross-cut, north of Lotcher's, is without change. The east end, in this level, has just intersected a cross-course, but what effect this may have on the lode is not yet known. The 13 captarance is not far off the cross-course seen in the Wheal Joy shaft. The wines below this level is producing tinating of low quality. The lode in Wheal Joy shaft of the past week has been satisfactory. The drop-lift bearries at the 90 lave been put in, and the shaft secured down to the water, which is now with 10 owns of 100 fm. level. The morrow we purpose to drop-lift bearries at the 90 lave been put in, and the shaft secured down to the water, which is now with 10 owns of 100 fm. level. The open out tribute ground; judging from its kindly appearance, we expect will further improve as we further extend. The tribute pitches 14 in number) look much the same as we further extend. The tribute pitches 14 in number) look much the same as we further extend. The tribute pitches 14 in number) look much the

receipt the process on well we shall soon reach the next level. The must in the 70 east continues to open out tribules ground; judying from its kindiy appearance, we expect will further improve as we further extend. The tribute pitches 14 in number) look much the same as when last reported on. We shall be glad to know the purchasers of the parcel of blende, in order to deliver it as soon its own to be a supplementation to notice in any part of the mine since last, week's report. We are ready for the two new segments of the water-wheel, and Messrs, Dineys advise that one of the pulverlaser for reducing the raggings has been sent off, and that Mr. Dingey, Jun., will arrive here, so as to commence erceing the machine, on Monday nex.

CARGYNON.—T. Houge, Jan. 17: We are making good process in sinking the engine-shalt; and from this time.—North Lodes: The 60 to driven west of cross-cut about 2 fms.; the part of the lode we are carrying is split into branches; just the same as seen in the level above before reaching the ore ground; the lode is large, and we may be leaving the main productive part standing in the north side, where the water is oosing out; to however, we shall prove this after driving another 2 or 3 fms. In the 50, west ond, the lode is yielding saving work. The lead stopes in the bottom of the 40 are turning out much as usual. In the 30 are shall be a subject to the same as even in the part of the lode.—South Lode: The stope in the back of the 30 are stope in the bottom of the 40 are turning out much as usual. In the 30 are stope in the bottom of the 40 are turning out much as usual. In the 30 are stope in the bottom of the 40 are turning out much as usual. In the 30 are stope in the back of the 30 are stope in the 30 are stope in the 30 are stope in

an average tribute of St. per ton lot to the state of the The NYER AND WHEAL ABRAHAM UNITED.—W. Kitto, Jan. 15: Sturt's Engine-Shaft: Sinking below the 20st the lode is 2½ ft. wide, producing good stones of copper ore, and improving; there is no change in the 2 5 and 20s fm. level ends cast and west since last advised.—Creaver Shaft: In the 160 fm. level end cast the lode is 2 feet wide, looking promising for improvement. The 130 fm. level end cast is suspended for the present in order to lay down a tramroad in this level. There is no change in the rise above the 130 or in the winse sinking in the bottom of the 110 fm. level.—St. George's Shaft: The ground here is a little more favourable for sinking, and producing good stones of rich grey copper ore.—Vivian's Shaft: In the 200 fm. level end the lode is 2 feet wide, and looking promising.—Pelly's Ropine Shaft: There is no lode taken down. In the 220 fm. level end west the lode is 4 feet wide, the and copper to dress, but not enough to vaine. In the 220 fm. level end east the lode is 4 feet wide, yielding rich stones of copper or and a little in. In the 210 fm. level ends cast and west there is no change since last advised.—Richard's Shaft: We have finished cutting the plat at the 180, and have set to drive the end weat, the month at 61. per fathom; the lode is 4 rept admic any feet of it, and after extending the level a few fathoms cut through to prove its value. There is no change in any other part of these mines.

tending the level a few fathoms cut through to prove its value. There is no change in any other part of these mines.

DERRPAIK.—J. Bucknell, Jan. 18: In the deep adit level we have cut a plendid in lode of a superior quality; sample assayed, 3 cwts. 1qr. 9 lbs. to the lode is 4 ft. wide, and tin throughout.

DOLWEN CONSOLS.—J. Davi., Jan. 17: Western Main Adit: The cross-cut south from this adit has been extended 9 fms. 1 ft. from the footwall of the main lode, and we have cut what I believe will prove to be the south lode; it is very small at the point of intersection, and unproductive, and the main lode, I suppose, being so strong earries all the mineral. I have stopped this trial, and reset the driving of the adit level on the course of the main lode, at 120s, per fm. which is a very promising lode, 14 ft. wide.—Eastern Main Adit: There is no material change in the lode here since my last report.

DRAKE WALLS.—T. Gregory, Jan. 18: There is but little change to notice throughout the mine this week. I am sorry to say the water continues very troublesome in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine, and our supply of coals are very limited before in the bottom levels of the mine.

throughout the mine this week. I am sorry to say the water continues very troublesome in the bottom levels of the mine, and our supply of coals are very limited indeed.

EAST BASSET.—John Lean, Jan. 18: In the 130 cross-cut north we have intersected a lode, so far as seen, about 2½ ft. wide, composed chirfly of capels and quarts, producing stones of the apparently we are not yet through the lode. In the 110 east the lode is worth for tin about 8½, per fathom, and letting out more water than usual. The rise in the back of the same, west of the cross-cut, is up 8 fms., and commence the drive east from the rise towards the 100 coming west; driving on the south part of the lode. The tin part is standing to the north. The cross-cut at this level, west of the flat-rod shaft, is driving on the south part of the lode, towards the rise from the 10: the tin part is standing to the north. The communication of those two points is much needed for ventilation. About 14 fms., east of the flat-rod shaft, at the 100 fm. level, we are stripping down a piece of lode over Thomas's pitch, worth 8!, per fathom; the lode appears to the standing above this level as well as below. The cross-cut, west of the flat-rod shaft, at the 100 fm. level, we are stripping down a piece of lode over Thomas's pitch, worth 8!, per fathom; the lode appears to the standing above this level as well as below. The cross-cut, west of the flat-rod shaft, we have intersected a lode 6 feet wide; just commenced to drive east on the north side of it, producing stones of tha. The 80 cross-cut, east of the flat-rod shaft, we have intersected a lode 6 feet wide; just commenced to drive east on the north side of it, producing stones of tha. The 80 cross-cut, east of the flat-rod shaft, we have intersected a lode 6 feet wide; just commenced to drive east on the north side of it, producing stones of tha. The 80 cross-cut, east of the flat-rod shaft, we have intersected a lode 6 feet wide; just commenced to drive east on the north side of it, producing stones of tha.

about 351, per fathom; this lode is not seen at this level but at this one puse and in the sump cross-cut, which is 80 fms. west. In the 80 cross-cut, east of the flat-rod shaft, we have intersected a lode 6 feet wide; just commenced to drive cast on the north side of it, producing stones of 110. The 80 cross-cut, west of sump-shaft, towards Michell's lode in Copper Illil, is driven 2 fms.; not be a controlled to the controlled the sump of the controlled the controll

are yielding the usual quantity of ore. The machinery is in good order, and working well.

GAWTON COPPER.—George Rowe, George Rowe, Jun., Jan. 12: The part of the lode carried in the 165, east of King's engine-shaft, is yielding 3 tons of ore per fathom. The south part of the lode recently cut into in this end is 6 ft. wide, producing fine stones of ore, is not taken down beyond that point, which we purpose doing as soon as the end is sufficiently in advance to come under the rich shoot of ore coming down from the level above. The lode in the 95, east of said shaft, is improving in character, with good stones of ore on the north wall. The lode going down in the bottom is worth 10 tons of ore per fan. The lode going down in the bottom is worth 10 tons of ore per fan. The lode going down in the bottom is worth 10 tons of ore per fan. The lode in the 82 east is showing a kindly appearance, with fine stones of ore, and improving as we get nearer the winze. The lode in the 70 east is producing good stones of ore, and very strong mundic, with a kindly appearance going back under the old mine. The lode in the winze sinking below this level (70) is in a fine course of ore, yielding 10 tons per fathom. The lode in the intermediate level, driving west from William's winze, is worth 6 tons of ore per fm. The lode in the stopes in bottom of the 70, east of William's winze, is worth 4 tons of ore per fm. The lode in the stopes in bottom of the 70, east of William's winze, is worth 4 tons of ore per fm. GLANO RICHAMSHIRE,—William Foss, Jan. 17: We have had heavy rain for some time past, and I think it is useless to work the engine under present circumstances; if we should have some dry days it would make a considerable

se time past, and I think it is useless to work the engine under present clr the second in the second have some dry days it would make a considerable ration in a short time. The shaftmen are engaged in clearing adit, and th

gland Risanshire.—William Foss, Jan. 17: We bave had heavy rain for some time past, and I think it is useless to work the engine under present circumstance; if we should have some dry days it would make a considerable alteration in a short time. The shaftmen are engaged in clearing adit, and the other work progresses favourably.

Glandow Caraddon Consols.—William Taylor, Jan. 17: Harvey's Lode: In the 7s cross-cut. south of this lode, the ground is very much easier. We have cut two or three branches containing ore, but still think the lode is further south; we shall push on the cross-cut until we reach the killas. In the 65 east the ground is hard, but producing rich stones of ore; lode improving. The 52 east worth 151, per fathom; a very fine-looking lode, and likely te improve. The rise in the back of this level is worth 181, in the 45 east improved, worth 104, per fathom. We are pushing on this end by six men, to get forth to the rise from the 52 by the time it is up; this will ventilate and lay open a good piece of ore ground. In the 45 west a horse came in the lode, now worth 1, 151, per fathom; this end I expect to improve daily. The stope in the back of this level worth 181, per fm. The 45, cast of long rise, is driving by the side of the lode. We want to push this end on to communicate with the 45, west from shaft cross-course. The 25 west worth 161, per fathom. The stopes throughout the mine vary in value from 104. to 184, per fathom. The tribute pitches, on the whole, are looking better, which will be fully equal to the last.

GORSEDD AND CELYN LEVEL.—Jan. 18: I have set the additivel to drive nor, h from Coetia Eithin shaft by 1ght men, at 53, 164, per yard; the vein is 3 ft. wide, and looking very well. Four men to drive east from the same level, on the now east and weat vein, at 54, per yard; the lode looks very well, and is letting out a large quantity of water. Four men to sink the north shaft below the 46 yard lodge, at 44, per yard; the ground is favourable for sinking. In have reset the whole

leaving behind us. The end in the 15 is worth 20 cwts. of lead ore pe and the stope 28 cwts, per fathom. The lode looks well soing down

leaving behind us. The end in the 15 is worth 20 cwts, of lead ore per he and the stope 28 cwts, per fathom. The lode looks well going down. As we are ready to begin sinking again we shall have the bottom of the the last and can work on lead going down worth 25 cwts, per fathom. The shall and can work on lead going down worth 25 cwts, per fathom. The shall end ore clean, and samples will be sent on Thursday.

HALKYN DEEP LEVEL.—Jan. 16: In the deep level going southwe the deep level vein, the lode is about 12 in. wide, consisting of limesters paper, producing some nice stones of lead ore, looking more promising states paper, producing some nice stones of lead ore, looking more promising that what it has done for the last 60 yards. Six men are employed did this level, which is being pushed forward with all possible speed, which is being pushed forward with all possible speed, which is being pushed forward with all possible speed, which is level, which is being pushed forward with all possible speed, and a yards; the ground passed through is composed of limestone, containing of spar, blende, and spots of lead ore, about 2 yards wide. Cross-cutting will satisfy us whether the new lode will go parallel with Pant-y-Gotting will satisfy us whether the new lode will go parallel with Pant-y-Gotting will satisfy us whether the new lode will go parallel with Pant-y-Gotting will satisfy us whether the new lode will go parallel with Pant-y-Gotting will satisfy us whether the new lode will go parallel with Pant-y-Gotting will satisfy us whether the new lode will go parallel with Pant-y-Gotting will satisfy us whether the new lode will go parallel with full displaced or Trustee's shaft is being sunk below that level. We have had a hard by ground in the shaft during the last fortnight, but we hope to get through soon, and every effort will be made to sink it through to the 160 as coon as is lone of spar, and showing spars of lead ore, but not much Pant-y-Griv retailed is all the width of the level, 4 ft. wide, composed of lim

the support, each veel.

LEEDS AND ST. AUBYN.—J. Curtis, Jan. 17: In the 30 west the loss lot twent states and the loss lot the loss of the work of the loss of th 2 ft. wide, worth of. per is nom. In the so east the lode is 2 in. wide, with good stones at the in it, but not much to value. In the 20 west the lode is 18 in. wide, with good stones at the in it, but not much to value. In the 20 east the lode is 20 in. wide—saving at the for the stamps.—Bastlon's flat-rod shaft: The flat-rods at this shaft havebed two or three times in the last few days, and we have had such heavy raid two or three times in the last few days, and we have had such heavy raid the stamps.—Bastlone dagain in the course of a day or two. We have had such heavy raid the mail right again, and commenced pumping; and at the present rate of a stamp and the stamp and the commence of a day or two. We have he would be compared to the stamp and the stamp in the course of a day or two. We have he would be stamping of the staff shows that its quality is improving. In the ond the stamping of the staff shows that its quality is improving. In the staff shows that its quality is improving. In the staff shows that its quality is improving. In the staff shows that its quality is improving. In the staff shows that its quality is improving. In the staff shows the staff shows that its quality is improving. In the staff shows that its quality is improving. In the staff shows the staff shows that its quality is improving. In the staff of the in that direction. The ground in the adit cross-cut is hard, buttle last is a fine plece of tin ground, which we hope soon to drain by this driving. It the dressing goes on favourably.

LLY WERNOG.—J. Davis, Jan. 17: Settings for January: Six men to the three south cross-cut from bottom of shaft (72), at 101. Ss. per fathom, including drawing the staff by tackle to the 62; the ground is very strong and tight, nearly during shall rever a bout 2 fms. drawing the staff by tackle to the 62; the ground is very strong and tight, nearly including drawing the staff to the whelp lest lode, at 101. per fathom, including drawing the staff to the shaft site in the staff by tackle to the 62; the

ducing small rios of lead ore, similar to what we discovered by closs-call, from the level above (62). Four men to open cross-cut north for the wheel to reach this lode in about 2 fms. drivage. The 20 tons of lead ore has been it livered to stores.

MINERA UNION.—J. Nicholls, Jan. 18: Boundary shaft is down about, so that the level above the 80 yards level. In the 100 yards cross-cut west no 1 de has been ill livered to stores.

MINERA UNION.—J. Nicholls, Jan. 18: Boundary shaft is down about, she below the 80 yards level. In the 100 yards cross-cut west no 1 de has been ill livered to stores.

MINERA UNION.—J. Nicholls, Jan. 18: Boundary shaft is down about, she with, but for the past few days water has been issuing freely from the end; or controlled the store of lead per fathom; in the pitch in the back of the 80 north; is the yield 1 ton of lead per fathom; in the pitch in the back of the 80 north; is cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 8 cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 8 cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 8 cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 8 cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 15 cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 15 cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 15 cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 15 cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 15 cwts. of lead per fathom; and the pitch in the back of the 80 north; worth 15 cwts. of lead per fathom; and the lead per fathom; and the lead per fathom; and the pitch in the back of the 80 north; worth 15 cwts. of lead per fathom; and the lead per fathom

and better for driving; driven \$\tilde{n}\$ ft.—altogether about 70 fms. I nope seen have a change here, but up to this time we have not let off the water in the workings above.

NEW GREAT CONSOLS.—R. Pryor, J. V. Thomas, H. Vial, Jan. 15: 8tig Report: Phillip's Engine Shaft: To stope the back of the 74, east of shaft, for men, at 5s. per ton of tinstuff; the lode is worth 30l, per fathom. The to drive east of engine shaft, on the north part of the lode, by four men, at 15s. per ton east of engine shaft, on the north part of the lode, by four men, at 15s. drive east of edito, by four men, at 5s. 3d. per ton, lode worth 13l, per fathom for the 1st level east of ditto, west of shaft, by six men, at 7s. per ton; the lode here (for the width carried, 1f feet) is worth 60l. per fathom. To stope be bottom of the 52, west of shaft, by ten men, at 5s. per ton; the lode is from 1s 14 feet wide, and worth 63l, per fathom. The 40 to drive west of shaft, by for men, at 5l. 10s. per fathom. To stope the bottom of the 30, west of Thomsi shaft, by four men, at 7s. 6d, per ton; the lode is worth 10l. per fathom. To stope the bottom of the 30, west of Thomsi shaft, by four men, at 7s. 6d, per ton; the lode is worth 10l. per fathom. To stope the bottom of the 20, west of shaft, by four men, at 5s. 6d. per ton; the lode is worth 50l. per fathom. To stope the bottom of the 10, west of ditto, by four men, at 5s. 6d. per ton; the lode is worth 20l. per fathom. To stope the bottom of the 10, west of the 5s. west of Thomsa's shaft, by two men and one boy, at 6s. per ton; the lode is worth 10l. per fathom. To stope the bottom of the 10, west of ditto, by four men, at 5s. 6d. per ton; the lode is worth 20l. per fathom. To stope the bottom of the 10, west of ditto, by four men, at 5s. 6d. per ton; the lode is worth 20l. per fathom. To stope the bottom of the 10, west of ditto, by four men, at 5s. 6d. per ton; the lode is worth 20l. per fathom. To stope the bottom of the 10, west of ditho, by four men, at 5s. 6d. per ton; the lode is worth

side, this we are approaching another caunter branch or folds. The sale level is getting very near the shaft, and letting down the water; when this hauled to the shaft we shall be enabled at once to sink it through to the deadt level.

NEW HINGSTON.—8. Rickard, Jan. 18: The adit shaft spoken of in my in report is holed through; we have fixed a tackle on the same, and the men an now engaged in hauling the stuff accumulated in different parts of the level. We shall have the boiler on the mine on Saturday, after which every effort with the man of the stuff and the stuff accumulated in different parts of the level we shaft, sinking below the 90, no lode has been taken down since last reported at In the 90 fm. level end we-t, on north lode, the lode is full 3 ft. wide, and wort 15t, per fathom. At the 90, west of the shaft, we are driving a cross-catsoid to intersect the south part of the lode, and which we expect to cut in aboute further driving. In the stope in the back of the same level, from the wins the lode is \$ ft. wide, and worth 22t, per fathom. In the 90 fm. level end, driving east of the shaft, the lode is 6 ft. wide, and worth 16t. per fathom. In the stope in the back of the same level, around the lode is \$ ft. wide, and worth 40t. per fathom. In the stope in the back of the same level, east of the winze, the lode is \$ ft. wide, and worth 20t. per fathom. In the stope further east the lode is \$ ft. wide, and worth 20t. per fathom. In the stope further east the lode is \$ ft. wide, and worth 18t. per fathom. In the stope further stream of water, and looking more promising for the production of mineral it the stope in the back of the shaft, the lode is a ft. wide, the lode is \$ ft. wide, and worth 20t. per fathom. In the stope further stream of water, and looking more promising for the production of mineral it the stope in the back of the \$ ft. wide, and worth 20t. per fathom. In the stope further stream of water, and looking more promising for the production of mineral it the stope in the back of the \$ ft.

and pitwork works well. We got the shaft in fork on Saturday last, and engaged boleting poppet-head, casing and dividing shaft from deep resent bottom, preparatory to sinking. I hope in the course of another shall have resumed the sinking and be going on with all speed to reach which we calculate to cut in about 5 rathoms from the present depth. WHEAL GRYLLS.—P. Floyd, Jan. 17: The lode in the 20 fm. level, the sast of Cook's shaft, as 2 ft. wide, worth 7t, per fathom, driving at it. as the control of the course of another than the course of above. In the end driving east of Cook's shaft, on the north lode, it side, worth 3t, per fathom; when communicated we shall be in allion to set pitches at a moderate tribute. We have a about 100 barrhatone, which will be drawn to surface this week. I am happy to say extend the present time are looking more promising. We have cleared the deep adit north about 100 fm. all or thinsended the deep adit level to drive west on the copper lode to two men, fathom; the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here is much larger than for some time past. Two labous the lode here labous the labous the labous the

can thrues to yield well. The end driving east, under the white rock and, is producing some capital stones of copper ore, and presents a proappearance. The tribute pitches, on the whole, are looking much the for some time past.

\*\*AN-DREA UNITED.\*\*—W. Tregay, J. Thomas, Wm. Prideaux, Jan. 13; yr fains have brought us an influx of water, preventing our working in too levels for the week. The water is now at the 120, with the engine well, and forking. In the 120 east, on Skimmer's, the lode is worth \$l. per fathom. In the 120, east of Bragg's, the lode is worth \$l. per fathom.—Street; f. east of Bragg's, the lode is worth \$l. per fathom.—Street; f. east of Bragg's, the lode is worth \$l. per fathom.—Street; f. east of Bragg's, the lode is worth \$l. per fathom. In the 10, on Martin's lode, the lode is worth sl. per fathom for the lode, as worth \$l. per fathor for the lode is worth sl. per fathor for the lode is worth sl. per fathom for the lode is worth lode, whe have just struck lade, producing good stones of tin. In the 100 west, on north lode, the lode is worth lode, but still produces excellent stones of tin. We expect a shoot can good, but still produces excellent stones of tin. We expect a shoot come a few fathoms west of cross-course. In the 90 west the lode is lot as good, but still produces excellent stones of tin. We expect a shoot come a few fathoms. In the 80 west the lode is worth 15t, per fathom. In the ble lode is worth 15t, per fathom. In the ble lode is worth 15t, per fathom. In the ble lode is worth 15t, per fathom. In the ble lode is worth 15t, per fathom. In the 10th in the strength of the shore last report. We sold this day, at Cavendras, 10 tons 2 west. In of black tin, at 85t. 17s. 6d. per ton, realising 870s. 11s. 11d.

\*\*ALE WHEAL VOR.\*\*—Wm. H. Martin, Jan. 17: The men are engaged the cross-cut north in the 170; the ground is principally spar and light of letting west to make the lode which is improved, now worth or say for pumping, and are compelled to repair portions of the adic to the to

report.

— William Johns, Mark Whitford, Jan. 17: The engine-shaft is in order to reach the 45 as quickly as possible; there is still a the bottom, containing quartz, bleude, and occasional stones of water is still coming up very strongly, as inst reported. A No. 3 49 east and west, the lode is looking very much better; the west die, worth 10 cwts, of lead per fathom; the east ditto, close upon a about the same value—10 cwts, of lead per fathom. The 30, d shaft, is without alteration. In consequence of the heavy falls vater is still on the increase, but our engine being in good repair tunder control.

ontrol.

E. Davies, Jan. 16: In No. 2 caunter winze the ore is la about 5 fathoms by (say) 16 in. wide, mixed with solid in size from 20 lbs. to small stones in softness. In the isout, and when re-timbering and road re-laid we shall

water is out, and when re-timbering and road re-laid we shall gore.

SOLS.—J. Nance, Jan. 16: Flat-rod Shaft: In the 30, west of driving by the side for speed, and no lode has been taken week; large streams of water continue to issue from it, which wood feature; where it is partly cut through, about 19 ft. from nes of tin were met with, and worth for that part seen 51, per in the 30, driving east of shaft; is presenting a more kindly worth for tin 61, per fathom. In the 20, driving west of the lode is still small, and the ground unsettled about it, but etc a satisfactory improvement both in the ground and lode. yielding fair quantities of tin.

EAL VYYAN.—W. Perry, Jan. 18: We have brought in the we cut the lode in the pit; we are now about to start a level; out 4ft, back. The lode has not as yet taken its regular undering a regular footwall, and is looking very well so near the sureed of gossan, quartz, and small flookau. I hope by next week per come upon any.

come upon any.

ryor, Jan. 16: Good progress is being made in timbering up

men are driving by the side of the looks. At Dock's shaft, in the 50, below adjutible seed is also belong of the side. At Dock's shaft, in the 50, below adjutible seed is also belong of the side. At the side is working
and their proportion of exts of carriage. A triving pitch is the
and their proportion of exts of carriage. A triving pitch is the
in the 10, by four min, at 11. In 11. In the same conditions. A triving of analsilver department on collect. The harries are curring out a quantity of analentity of the side of

EXPAILMON.— J. Path per lan change whatever to notice at any of the points in the mine since last report. Yesterday we connected the change whatever to notice the points in the mine since last report. Yesterday we connected the change whatever to notice the points in the mine since last report. Yesterday we connected the change of the points in the mine since last report. Yesterday we connected the change of the points in the mine since last report. Yesterday we connected the change of the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the points in the mine since last report. Yesterday we connected the last report. Yesterday we connected the points in the mine since last lost. The points in the point in the points in the points

asquence of the adoption of four-weeks payments, what is termed wedging-day or holiday, on the Monday following the setting-day is done away with, and only three holidays to be allowed in the year, the men also to work full time on Saurdays, as on other days, and I feel quite certain we shall get more work done under the new system than the old. The following is a copy of the result of the assays made by Dr. Phipson: "Two samples of ore (Virtuous Lady) marked No. 1 killas; for silver and gold only, No. 2 quartzs. No. 1 killas, fine silver, 70.85 per ton: fine gold, 3 dwis, per ton. No. 3 quartz-silver 5 0.25, per ton; golds 2 dwis, 10 grs. per ton.

WEST CARADON.—N. Nichards, Jan, 16: Allen's lode, at the 66, is improving both east and west; the lode west of cross-course will produce about 1 ton per fathom; east of ditto, 1½ one per fathom. We have commenced sinking the shaft below this level by a full pare of men on a lode yielding over 5 ton per fathom for the length of this shaft. Two stopes in the back of this level will produce 3½ tons per fathom respectively. Allen's lode, in the 55, east of cross-course, will yield about ½ ton per fathom. Me have commenced sinking the shaft below this level by a full pare of men on a lode yielding over 5 tons per fathom for the length of this shaft. Two stopes in the back of this level will yield 1 ton pr fathom. A stope in the back of this level will yield 1 ton pr fathom. Two stopes in the back of this level will yield in the aggregate 4 tons per fathom. Two stopes in the back of this level will yield in the aggregate 4 tons per fathom. Two stopes in the back of this level will yield in the aggregate 4 tons per fathom. Two stopes in the back of this level will yield in the aggregate 4 tons per fathom. Two stopes in the back of this level will yield in the aggregate 4 tons per fathom. On change to notice in any other part.

WEST BYGARE NONDIS,—T. Gregory, Jan. 18: The shaftmen continue to make better progress in sinking Hamilton's engine-shaft under the adit, and I anti

west GREAT WORK.—S. J. Reel, Jan. 18; Scollar's Hat-rod shaft is being pushed down, and I calculate reaching the 10 within a fortilist, when a cross-cut will be put out to intervent the bode, which I thin are likely to be seen in the west of the property of the property

and I expect the nightmen will be able to resume sinking to night. The improvement mentioned in my last holds down the south end of the shaft, but this has not crossed the shaft to the north yet, and by the character of the ground I am led to believe we have the north end of a burleh of ors. In anothet week the shaft will be into the footwall of the lode, so that we shall be deel enough to drive out on the course of the lode. I purpose driving out both sorth and south, as I consider it of equal importance we should at once try the ground in both directions. We have not been able to do much outdoor work this week through the beavy rains we have had. The carpenters are sawing and preparing timber for launders and tramway to crusher, and when it is wet they are going on withithe woodwork for the house we are repairing. The wheelwright is engaged cutting the key-beds for fitting on the crank-wheel to the other side of the big wheel. The other surface hands are engaged rising the banks of the large reservoir above the mine about 2 ft. higher now that the wall of the bank is finished, and we are now also preparing stones for facing the inside of the bank up at the Bed Lake reservoir. It will not stand the heavy storms we have here at times without stones, so that I think it advisable to build it at once. Our water-courses brought down such a river of water yesterday as was never seen here before at one time, and more than I expected to see. I send by this evening's train a box of the lodestoff broken from the bottom of the shaft, so that you may better judge of its character.

With this week's Journal a SUPPLEMENTAL SHEET is given, which contains: Title and Index to Vol. LXII.—Mr. Warington Smyth's Lectures at the Royal School of Mines-Pit Explosion in Wales-Foreign Mining and Metalingy-Silver Star Mining Company-Foreign Mines Reports.—Original Correspondence: Compressed Air as a Motive Power; Preventing Explosions in Colletries (J. Van der Eist); Destruction of Fire-Damp, and Battinguishing Fires (T. Atkins); Gun-Cotton (R. Punshon); Trade and Commerce in 1871 (T. A. Readwin); Can English Tin be Increased; Miners' Wages Movement (R. Richi); What to Select, What to Avoid (F. W. Mansell); New Gold Fields in South Africa (J. J. Pratty; Mining on the Rhine; Menscenerg Mine; Silver in Cardiganshire—the West Florida; Mining in Gwennap; Trumpet Consols Mine (R. Quentall); Mine Mansgement—the South Herodsfoot, &c.; Mining in the Caradon District; West Caradon Mining Company; Mine Agents' Reports —the New Beldon; West Chiverton Mine, and its Management; Terras Tin Mine; Eberhardt and Aurora Mining Company (E. L. J. Ridsdale); Bichmond Consolidated Mining Company, &c.

#### The Mining Market; Phices of Metals, Ores, &c.

METAL MARKET-LONDON, JAN. 19, 1872.

COPPER. £ s. d. £ s. d	IRON. Per ton.
Best selectedp. ton 98 0 0	Bars Welsh, in London 10 0 0-10 5 0
Tough cake and tile 96 0 0	Ditto, to arrive 10 & G
Bheathing & sheets 95 0 0-100 0 0	Nail rods
Bolts	"Staffd, in London 11 10 0
Bottoms	Bars , ditto 11 0 0-12 0 0
Old 85 0 0	Hoone ditto 19 0 0-18 0 0
Burra Burra 97 0 0- 99 0 0	Bars , at works 10 0 0-11 0
Wire per lb. 0 10 -	Hoops , ditto 11 0 0-12 0 0
Tubes 0 11 -	Sheets, single 12 10 0-13 0 0
BRASS, Per lb.	Pig No. 1, in Wales 5 10 0-6 0 0
	Refined metal, ditto 5 10 0- 6 0 0
Sheets 91/4d	Bars, common ditto 9 0 0- 9 10 0
Wire 10d	Do.mrch.TyneorTees 9 5 0- 9 10 0
Tubes 101/4d11d.	Do., railway, in Wales 8 15 0-9 0 0
Yellow Metal Sheathing 81/4d	Do., Swed. in London. 12 10 0- Nom.
Bheets 8d. 81/4 d.	To arrive
-	Pig, No. 1, in Clyde 8 16 0- 4 10 0
SPELTER. Per ton.	Do. f.o.b. Tyne or Tees
Foreign on the spot £22 0 0	Do. Nos. 3,4,f.o.b. do
to arrive	Railway chairs 8 15 0-4 0 0
	spikes12 0 0-12 10 0
In sheets	
In sheets 27 0 28 0 0	Indian Charcoal Pigs,
QUICKSILVBR (p.bot.) 10 0 0	in London, p. ton. 6 10 0- 7 0 0
TIN.	greek. Per ton.
English blocks £148 0 0	Swed., in kegs(rolled)15 0 0
Do., bars (in bris.) 149 0 0	(hammered) 15 10 0
Do., refined 150 0 0	Ditto, in faggots16 0 0
Banca 141 0 0-142 0 0	English, spring17 0 0-23 0 0
Straits 140 0 0	magnes, special section of
TIN-PLATES. Per box.	LEAD. Per ton.
TIN-PLATES.* Per box.  IO Charcoal, 1st qua. † 1 13 6- 1 16 0	English Pig, com19 2 6-19 5 0
TIN-PLATES.* Per box.  IC Charcoal, lat qua. † 1 13 6-1 16 0  IX Ditto, lat quality 1 19 6-2 0 0	English Pig, com19 2 6-19 5 0 Ditto, LB19 5 0-
TIN-PLATES.* Per box.  IC Charcoal, 1st qua.† 1 13 6- 1 16 0  IX Ditto, 1st quality 1 19 6- 2 0 0  IC Ditto. 2d quality 1 1 0- 1 12 0	English Pig, com19 2 6-19 5 0 Ditto, LB19 5 0- — Ditto, WB21 0 0-21 10 0
TIN-PLATES.* Per box.  IC Charcoal, 1st qua.† 1 13 6- 1 16 0  IX Ditto, 1st quality 1 19 6- 2 0 0  IC Ditto, 2d quality 1 11 0- 1 12 0	English Pig, com
TIN-PLATES.* Per box.  IC Charcoal, 1st qua.† 1 13 6- 1 16 0  IX Ditto, 1st quality 1 is 4- 2 0 0  IC Ditto, 2d quality. 1 11 0- 1 12 0  IX Ditto, 2d quality. 1 17 0- 1 18 0	English Pig, com
TIN-PLATES.* Per box.  IG Charcoal, 1st qua.† 1 13 6-1 16 0  IX Ditto, 1st quality 1 18 6-2 0 0  IC Ditto, 2d quality 1 11 0-1 12 0  IX Ditto, 2d quality 1 7 0-1 18 0  IC Ooke 1 9 0-1 10 0	English Pig, com
TRIPLATES.* Per box.  IC Charcoal, 1st qual; 113 e - 1 16 0  IX Ditto, 1st quality 1 19 e - 2 0 0  C Ditto, 2d quality. 1 11 0 - 1 12 0  IX Ditto, 2d quality. 1 17 0 - 1 18 0  C Coke	English Pig, com

\* At the works, 1s. to 1s. 6d. per box less. Terne-plates 2s. per box below tin-plates of similar brand.

REMARKS .- A good steady business, free from any violent or excessive fluctuation, has been the characteristic of the course of the Metal Trade throughout the past week. Speculation has to some extent subsided for the moment, and the purchases which have been effected have been chiefly for the legitimate requirements of com-merce. Great commercial prosperity has already dawned upon the country, and more than this, it would seem that before long we shall be in the full tide of the same.

COPPER.—During the past week or ten days rumours of a very doubtful character in regard to business transactions have been circulated, apparently with no other object than to unduly depress doubtful character in regard to business transactions have been circulated, apparently with no other object than to unduly depress the market, and to produce misgivings in the minds of timid holders, and so influence them to sacrifice their property. To some slight extent these artifices succeeded in creating a temporary reaction, and in the meantime the trade have profitted by the weak and foolish succembing to their fears; the market, however, has since entirely recovered its coulibrium. It is not unifrequently the case that when people are unduly excited or selzed with nervous apprehensions they are apt to be carried away by their fedings more than being guided by reason, as in the present instance; facts stand opposed to doubts and fears, statitics increasingly fave tradle, prospects brightening, the position of copper perfectly sound and in a much better state than for some years past, stocks estimated at only half what they were, supplies greatly falling off and, according to the statements of miners, the best ores mearly exhausted, or, to use their own words, the very eyes, as it were, of the mines have been already picked out. Since the first of the year stocks is Swansea, Liverpool, and Havre are said to have decreased a further 500 tons. Closing prices for Chill bars are 871. 10s. for three months, and \$61. 10s. cash. Market firm, with an upward tendency.

IRON.—Our weekly reports of the iron trade cannot avoid being very much a repetition each of the other. The same leading features keep repeating themselves, consequently we can but reiterate the same facts. The demand for iron of all descriptions is unprecedent-aduly large, and the difficulties in meeting the demand are unprecedentedly great. The rise which has taken place in the price of coal and coke, as well as in iron ore, and the impossibility of obtaining any of these raw materials in sufficient with the impossibility of obtaining any of these raw materials in sufficient with the impossibility of obtaining any of these raw materials in suffici

TIN.—The course of the market has been rather towards easier prices, but, as lower quotations prevailed, business became more active, and considerable quantities of Straits tin changed hands, Prices have not altered materially, but sellers are not disposed to listen to any offers that are not up to full rates. It is reported that a public sale of some 500 tons of Straits will take place in London very shortly, and this, it is thought, will have the effect of testing the market, and prove to be a temporary relief. The general impression is that, in order to effect the sale of so large a parcel at one time, it may be necessary to accept a price somewhat less than present quotations. On the other hand, it may be that, with this sale in prospect, intending buyers may purposely hold off, in the hope of applying themselves at a lower price; but, should this course be generally adopted, it will result in sharp competition, and thus the market will, doubtiess, advance.

Outchesturer — Sales have been effected this day at 10% per bottle.

QUICKSLIVER.—Sales have been effected this day at 10t. per bottle. TIN PLATES.—Makers continue fairly supplied with orders.

QUICKSILVER.—Sales have been effected this day at 10*l*. per bottle. TIN PLATES.—Makers continue fairly supplied with orders.

LEAD.—The position of the market is unaltered, sellers are firm at current quotations, but an order for a considerable quantity might be entertained at a shade below quoted prices. LB, 19*l*. 2s. 6d.

SPELTEE.—There are sellers of Silesian at 22*l*., which is about 5s. per ton lower than last week's rates. Enquiries for exports are extremely limited, while the demand for home consumption is inactive.

ZINC has been sold at public auction as high as 27*l*.—HAED SPELTER is quiet; at a slight reduction buyers would be prepared to effect purchases.

COPPER.—J. Pitcairn-Campbell and Co. (Liverpool)—The position of the Copper Market presents a complete contrast to that of last year. Then everything was depressed, production had apparently overtaken consumption, and prospects looked altogether gloomy—whilst new, sithough we close with a quieter feeling, all has been excitement and buoyancy, and our quotations show an advance of no less than 291. Os 41. per ton above the same date of 1871. It is to the vast material prosperity of the country, the enormous increase of home consumption, cheapness of money, and the general clasticity of feeling that the cause of this improvement must be principally looked for, but comparative figures also show most favourably. Stocks in Liverpool, Swansea, London, and Havre show as reduction of nearly 40 per cent, estimated applies into this country a reduction of feel to the blook their average supply. The importainto Liverpool and Swansea show a diminution of 10,105 tons, to which decrease

hill contributes 9369 tons; but London and the outports show an increase of 1000 tons, and we estimate that 1625 tons more copper has been made from pyrites than last year. The import of pyrites has been 452,000 tons. The production from the mines of the United Kingdom we estimate at a reduction of 1201 tons. The year 1871 began with Chill bars at 641, to 651, and tough cake at 711. On Feb. 21 smelters advanced to 741, for tough, reducing again on March 21 to 724, advanced again on June 13 to 741, to 761, on July 11, to 781, on Nov. 14, 311. On Nov. 21, 911, on Dec. 5, and 862, on Jan. 4. 1872. Business transacted in the past fortulght comprises on the spot here 724 tons bars, at 851, to 891, per ton, and 330 tons ore, at 17s, per unit. To arrive here or with extra prompt, 2453 tons bars, at 851, 10s. to 901, per ton. At Swansea, 670 tons ore and regulus, at 17s. 14d. to 17s. 6d. per unit. Arrivals here during the fortulght of West Goast, S.A. produce—Chepica, from Caldera, with 625 tons regulus; Galatca, with 350 tons bars and 200 tons ingots; Enid, from Valparaiso, with 60 tons bars: Europe, from Valparaiso, with 40 tons barilla, and 60 tons ores. At Swansea, Jessel Jamieson, from Carrizal, with 820 tons regulus; Galatca, from Carrizal, with 640 tons regulus; Serena, from Chanaral, with 780 tons regulus; Galatca, with 820 tons regulus; Serena, Goaldera, with 460 tons bars; Glaudine, from Valparaiso and Carrizal, with 640 tons regulus; Vencedora, Caldera, with 460 tons bars; Glaudine, from Valparaiso and Carrizal, with 640 tons regulus; Vencedora, Caldera, with 460 tons bars; Glaudine, from Valparaiso and Carrizal, with 640 tons regulus; Vencedora, Caldera, with 460 tons bars; Glaudine, from Valparaiso and Carrizal, with 640 tons regulus; Vencedora, Caldera, with 460 tons bars; Glaudine, from Valparaiso and Carrizal, with 640 tons regulus; Vencedora, Caldera, with 460 tons bars; Glaudine, Greslau. Dec. 31) writes:—In

Claudine, from Vaiparatio and Carrizal, with 640 tons regulus; Vencedors; Caldera, with 460 tons bars; Glamorgan, Chanaral, with 820 tons regulus.

SPELTEE TRADE,—Mr. J. Blasig (Breslau, Dec. 31) writes:—In my last report I mentioned the disproportion existing in Silesia between the cost of production of spelter and the prices obtainable, and concluded that either the production of spelter and the prices obtainable, and concluded that either the production of spelter in Silesia must be entirely stypped or prices must go higher. Fortunately, the latter has been the case, and the spelter production enjoys the prospect of a further continuance, although it can only be carried on upon a smaller scale than hitherto. As regards the quality of the Silesian spelter, it has maintained its character in all the principal markets, and our producers do their utmost to make further progress. Since the change which has lately taken place in the administration of Kramata's mines and foundries their brands from the Polish and German zinc ores have both of them got into favour, as likewise the brands of Count Henckel from Liebe Hoffming, Hugo, and Georgabitte, which collectively are known as the "Silesian Company's Zinc" in the market, but the predilection for these brands is not of sufficient importance to raise their price materially higher than for the other brands, As regards the rise in London during the first half of December, it has certainly surprised us; but it was expected sooner or later, as English quotations have long been lower than other markets—generally 11, per ton. The English consumers have done well to provide themselves with spelter in time, for new deliveries, at least of Silesian spelter, cannot be made now, and, perhaps, even not during next spring, unless the prices increase further there. Hamburg has coased to be a place of importance for the spelter trade, and only after the stock of about 40,000 ewts., of which, however, the greater part lies there for account of Silesian speculators, is cleared it wi

Business has been somewhat affected in the MINING SHARE MAR KET this week by the settlement of the fortnightly account, which was unusually heavy, and occupied the chief attention of dealers for eral days. Prices also, particularly in tin mines, have been rather ressed, in consequence of another fall in the tin standard of 3t.

The copper standard on Thursday advanced 21. The sale consisted of 3380 tons ore, and realised an average price of 5l. ls. 6d. per ton; produce, 6l per cent.; standard, 120l. 14s. There seems to be an impression abroad that the present fall in the price of tin is owing to

The copper standard on Thursday advanced 2l. The sale consisted of 3380 tons ore, and realised an average price of 5l. is. 6d. per ton; produce, 6\(\frac{1}{2}\) per cent; standard, 120l. 14s. There seems to be an impression abroad that the present fall in the price of tin is owing to speculation, and not to any legitimate cause. And this appears to be borne out by the fact that the stock of foreign tin in the country on the 1st inst. was 5174 tons only, against 7332 tons in stock twelve months ago. Thus, with an increased consumption of nearly 3000 tons, there is a deficiency in stock, as compared with last year, of 2738 tons. And with such facts before us we should rather look for a rise than a fall in prices.

The shares mostly dealt in since our last have been Parys Mountain, Prince of Wales, Wheal Grenville, Tankerville, New Lovell, West Tankerville, Rock's Kitchen, Pennerley, East Lovell, Old Bottle Hill, Old Treburgett, West Frances, West Maria, Wheal Buller, Wheal Kitly (St. Agnes), New Rosewarne, Gawton, Devon Great Consols, East Van, Great Laxey, Great North Laxey, West Basset, South Condurrow, Treleigh Wood, and a few others.

Hingston Down, 3\(\frac{1}{2}\) to 4; at the meeting the accounts showed a cash balance in hand of 859l. 8s. 1d. to the end of November. The ores sold on Dec. 21, amounting to 1384l. 12s. 8d., were not credited, but these, and the estimated ores to be sold in January and February (2000L), will show a balance in favour of the shareholders at the May meeting of 2490l. 10s. 11d. We have frequently had to remark of late upon the unsatisfactory manner in which the accounts of many mines managed in Cornwall are made up, and the accounts of Hingston, now before us, show a marked contrast to them all, and must give increased confidence to the shareholders. As a rule, Cornishmen are greatly averse to London management, and are too fond of having dividends, whether really earned or not. The report of Hingston Down states that 4000l. of or will be raised for the next four months, at a cos when Charlotte, 2½ to 3; South Carn Brea, 7 to 7½; South Con-

durrow, 84 to 9.

South Roman Gravels, 20s. to 25s.; a string has been intersected in

South Roman Gravels, 20s. to 25s.; a string has been intersected in the deep adit cross-cut west, and the agents think it is nearing a lode. Old Treburgett shares have been largely dealt in, at 20s. to 23s.; the 40 end has further improved to 40t. per fathom, and producing splendid silver-lead. South Crofty, 42 to 44; St. Aubyn United, 27½ to 32½; Tankerville, 18½ to 19; Tincroft, 62 to 64; Treleigh Wood, 13 to 15, and in request; Van, 45 to 50.

West Basset, 12½ to 13½; West Caradon, 2½ to 2½; West Chiverton, 13½ to 14½; West Frances, 33 to 34; West Maria and Fortescue, 1½ to 1½; West Theorem, 1½ to 1½; West Theorem, 1½ to 1½; West Theorem, 1½ to 1½; Call paid; at the meeting, on Thursday, the accounts showed liabilities over assets 1108t. 5s. 4d., and a call of 1t. 10s. per share was made. In the 58, west from Bush shaft, the lode in the back of the level is 12 to 13 ft. wide, worth 50t. per fathom, and the agents consider there will be a good run of tin ground reaching from the 58 to the 67. When the mine is in fork to the bottom, and the levels properly laid open, the secure very profitable to the shareholders, Blue Hills, 3 to 3½.

Van Consols have been flat, at 25s. to 30s., during the greate of the week, but advanced on Friday to 14, 2, buyers, some excellent indications for lead, and a good course of ore m

some excellent indications for lead, and a good course of ore my discovered any day.

Foreign Mines have been dull, and Eberhardt and Aurora clined from 11 to 9½, 10. South Aurora, 2 to 2½; Utah, 4 to 2 Cape Copper, 17½ to 18½; Don Pedro, 1½ to 2 prem.; the profit the last months' working was 416.2 x, 11d. Port Phillip, ½ to ½ the profit on the year has been 10,921L, and a dividend at the rate 10 per cent, will, probably, be declared at the meeting. Any Australian, 1 to 2; a good lode has been discovered here about 46 from surface. from surface.

from surface.

The Flagstaff Silver Mining Company of Utah resolved unamously, at the meeting on Thursday, that upon Mr. Maxwell's port the directors were fully justified in completing the purchase the mine if they thought proper. Lord Rebert Montagu, the Chaman, stated that the shares were not all applied for, but the dimetors, in the face of so favourable a report, had determined to recens applications for the unallotted shares. The subscription lists the shares in the Spanish Hematite Iron Company (Limited) will closed on Tuesday, Jan. 23, for London, and on Wednesday, Jan. 26 or the country. The subscription lists for the issue of 18,000 etension shares of the Somerset and Dorset Railway Company who closed for both town and country applications on Tuesday negletically and the 23d inst.; the shares are 2 to 2½ prem. The 7 per cent. The ence shares of the Central Uruguay Railway Company of Mea Video are 2 to 2½ prem.

ence shares of the Central Uruguay Railway Company of Meg Video are 2 to 2½ prem.

Subjoined are the quotations for foreign securities recently into duced:—United States Rolling Stock Company, 3½ to 3¾ prem.; Erie Railway ordinary shares, 32 to 33½, and Bie-choffsheim's Certificates, 32½ to 32½; she can Railway (fully paid) Bonds, 66 to 68, ex coupons; Swedish Central Railway (fully paid) Bonds, 66 to 68, ex coupons; Swedish Central Railway (fully paid) Bonds, 66 to 68, ex coupons; Swedish Central Railway (fully paid) Bonds, 66 to 68, ex coupons; Swedish Central Railway to 3½ prem.; Clusta Riea Government Six Per Cent. Loan, New Seris, 3 to 3½ prem.; and the fully paid, 76½ to 71½, ex New; City of Washington Log 2½ to 23½ prem.; Silver Plume Mining Company, 33 to 3½ prem.

2% to 2% prem.; Silver Plume Mining Company, 1% to 2%; Emma Sim Mining Company, 3 to 3% prem.

Messrs. Lumb, Wanklyn, and Co. are inviting subscriptions the Six Per Cent. Government Loan of 1,700,000. (nominal capits of THE REPUBLIC OF BOLIVIA. The bonds will be for 100. at 500l. The principal object of the loan is to subsidise the Nation Bolivian Navigation Company, formed for the purpose of opening communication between the Republic and the Atlantic Ocean. In natural outlet, via the River Amazon, will thereby be secured a Bolivian, a country containing upwards of 2,500,000 inhabitants, of great free lity and vast mineral wealth, but hitherto, by its geographical position, partically shut out from the world's commerce. In view of the International portance of the operations of that company, the Congress of the United State of America has granted to it a charter, and the board is composed of gentless of ithe highest standing in the United States. The loan is guaranteed by general revenues of the Republic, and by a first charge on the entire case ones collected on imports into Bolivia via the Amazon River. The Governmen engages to make arrangements for the receipt and remittance of the case and cust of the Autonal Bolivian Navigation Company has executed a deed grant to trustees for the bondholders a first charge over its net revenue from ensures, and containing full powers for the inspection of boks and account and in case of profits being withheld, for entering at once as receiver in and in case of profits being withheld, for entering at once as receiver in the BENHAR COAL COMPANY, with a capital of 200,000L, in sham

and in case of profits being withheld, for entering at once as receiver in passession of all profits and assets. The prospectus will be found elsewher.

The BENHAR COAL COMPANY, with a capital of 200,000L, in sham of 10L each, has been formed to purchase, for 170,000L, the will known Benhar Coal Field, comprising more than 2000 acres, with the pits and mineral plant connected therewith. The mineral fix is nearly equidistant between Edinburgh and Glasgow, and is into sected by branches of the North British and Caledonian Railwan and is thus in direct communication with a large part of Scolaul and the shipping ports served by these railways, and to most of the large makets, it has two competing railway routes. The property has been favoral reported upon by Mr. John deddes, M.E., of Edinburgh. The field is described as possessing the advantages of a superior coal at very moderate depth, like water in the workings, favourable situation for railway accommodation, we access to many markets, and a widely established reputation. The duratice the leases of nearly the whole area is over 30 years. A small area is held to 5 years, and there are small sections held for shorter periods, the coal in with it is known will be easily exhausted before their expiry. There appears to the fixed production of the ordinary shares, but on the payment of 30 per cent. within as money 50,000L will be in deferred shares, taking no dividend in any one willess the net profits be sufficient to pay 15 per cent. on the whole called capital of the ordinary shares, but on the payment of 30 per cent, within a two consecutive years, the distribution will cease. Each shilling per ton pro on the above mentioned output represents 7½ per cent, per annum. The sivertisement will be found in another column.

Messrs, Chadwicks, Adamson, Collier, and Co., are inviting abscriptions for 25,000 shares in Tod and McGregor. The capital consists of 350,000%, in shares of 10% each, and the object of the company is to purchase, for about 250,000% the extensive and well-known graving-dock, patent slip, shipbuilding-yard, and engine works of Messrs. Tod and McGregor, of Glasgow, and the business connected therewith, and for extending the same. The ing works of Messrs, Tod and McGregor, of Glasgow, and is business connected therewith, and for extending the same. Is business has been carried on for upwards of thirty-five years with unaring success. This firm built the first ocean-going iron steamers, and has aisy maintained a high reputation as engineers and iron shipbuilders. At themsen time they are completing for the Imman Company the larrgest merchant and equipped with engines the greatest part of the magnificent Imman field Atlantic steamers, as well as some of the vessels of the Peninsular and Oriest Steam Navigation Company, and of the Canard line. The profits realized during a series of years past, as proved by a careful investigation of the books of the firm, show that with the same excellence of management safe and good didends may easily be realised on the purchase price, while it is fully belies that the income from the new docks, which it is proposed to build, will be in still higher ratio to their cost of construction. The contracts at presents hand amount to upwards of 200,000l. The prospectus will be found in anothe column.

The SPANISH HEMATITE IRON COMPANY, with a capital of 150,000 in shares of 10% each (of which 3000 shares have been already she scribed), has been formed to purchase and work the San Miguelium mines, in the province of Guipuzcoa, on the north coast of Spain. mines, in the province of Guipuzcoa, on the north coast of Spais, and comprising 114 pertinencias, of nearly 300 English acres in its aggregate. The property contains extensive deposits of iron ore, will situated for working, and possessing unusual advantages for carriage and shipment. The concession is held in perpetuity from the Spanish Government, and is of the fullest description. The quantity of mineral in the estatishment of the fullest description of the spanish gracifically unlimited, consisting principally of brown hematite and white spitches from ore, which are in great demand for making Bessemer steel and mining the fullest of the spatishment of the spatishme

The London and River Plate Bank is inviting subscriptions for 15,940 Seven per Cent. Preference Shares, of 50% each, in the CENTRAL URUGUAY RAILWAY COMPANY OF MONTEVIDEO, secured by the Government of Uruguay, guarantee of 700t, per annum per situte mile, for 40 years, attaching as each separate section of the lies is opened for traffic. The railway company is a societe anonyme lot carrying out the concession granted by law of Congress of the lies from Montevideo, the capital of the Republic, to Durazno, the chief town as principal depôt of the Interior, forming a central trunk railway. 128 miles il length, for the State of Uruguay. The Montevidean board has Senor Den Joehim Requena, L.L.D., Government Advocate of the Interior and Finance, we chairman; and Senor Alexander M. Cervantes, L.L.D., ex-Minister of Finance, for deputy-chairman, and the London board, consists of three directors (and whom will retire annually by rotation). The first English directors are Mosars, John Fair, the Consul of the Argentine Republic; Loftus A. Finance, gram; and G. W. Drabbie, chairman of the London and River Plate Bank, sith these will represent the English bareholders in all matters and questions quiring to be initiated in London, an effective participation in the proceeding being thus secured for the English proprietary. As this price of issue is 381, is per 500, share, the return secured is upwards of 9 per cent, per annum, on investment in addition to which these preference shares are entitled to again articipation with the ordinary shares in the surplus profits after 7 per central proceeding the property of the Suprementation of the Suprem

has been received by the latter.

A prospectus has been issued of the SOUTH FOWEY CONSOLS COPER MINE (established about four years since, on the Cost-book Sytem, in 6000 shares), offering the remaining 3000 unallotted share. Since the establishment of the company operations have been carried on for the development of the mine in the cutting of different coper lodes of a highly promising character, the further working of which justify most hopeful anticipations of future success. The expeditions are mainly founded upon the fact that it lies directly between the order of the county, having rogether yielded 3,000,001, sterling in copper and tin order and upwards of 400,001, as profit to the shareholders. The splendid lodes whe constituted the wealth of those mines run parallel with the lodes of the Soul Yellor of the consols. There is considered to be no reason whatever whan, past yigorous working, similar riches should not be obtained by this company, work which has been accomplished is the sinking of a shaft to the 45 fm, just

21 00 Smit.

adit, and the driving of cross-cuts and levels on the course of the lode is, the 30 and the 45 fm. levels to the extent of nearly 400 fms. Another led Sawle's, which has been sunk in the western part of the sett, resply the water withdrawn (which can be easily done), in order to like copper ores in large quantities. In a former working many thousands worth was sold from this part of the mine.

Depn-Y-Guntla Mine, with a capital of 20,000L, in shares and, has been formed to purchase, for 6000L, and develope a lie inineral property of the same name in Shropshire. The mprises nearly 400 acres, and has a run of more than 700 yards course of the lodes; it lies to the north of Roman Gravels and is in immediate proximity to the most celebrated mines district. The property is known to contain at least three il lodes, running east and west, which are crossed by others forming a from which generally large deposits of lead ore are found. It is also district the mine has great natural advantages which cannot be to estimated; it is approached by good roads, is within three miles of a ystation, and in the immediate proximity of the South Salop Railway, configuration of the ground is such as to admit of working by means of role, and of a satisfactory development of the property with a comparamall capital. The Great Snailbeach Mine, to the north-east of Cefn. has been worked for upwards of a century, and is now returning 25 had ore per month, the shareholders' high opinion of the permanent valuer property entirely preventing the appearance of shares on the market property entirely preventing the appearance of shares on the market property entirely preventing the appearance of shares on the market property entirely preventing the appearance of shares on the market property entirely preventing the appearance of shares on the market property entirely preventing the appearance of shares on the market property.

# Begistration of New Companies.

The following joint-stock companies have been registered:-

MERIONETH CONSOLS MINING COMPANY (Limited).—Capital good, in 80,600 shares of 1l, each. This is another Welsh Company, formed to the Cwynfyndd Mines at Lianfachreth, Merionethshire. The subscribers — Join L. Sherrin, 104, Garsford street. Kentish Town; J. F. Donovan, eats street, Gray's Inn-road; W. R. Collett, Marino, Carnarvon; Edward hop, M.D., Cintra-park, Norwood; Thomas Stevens, 8 Finch-lane, E.C.; R. Hoors, 8, Finch-lane; Edgar Holmes, 3, Devonshire-place, Kennington-road.

ITALIAN LAND AND INVESTMENT COMPANY (Limited).—Capital

TALIAN LAND AND INVESTMENT COMPANY (Limited).—Capital 50,0004, in 20,000 shares of 101, each. This company is formed to acquire the agines, &c., of the Italian Land Company (Limited), and will carry on the uniness of financial agents. The subscribers (who take up five shares each. The subscribers (who take up five shares each. W. Lubbock, 15, Lombard-street; Sir John Lubbock, 15, Lombard-street; Sir John Lubbock, 15, Lombard-street; Gir John Lubbock, 15, Lombard-street; Gir John Lubbock, 10, Lombard-street; Own NANT DDU LEAD MINING COMPANY (Limited).—Capital, 5,0004, in 15.00 shares of 11, each. This company proposes acquiring certain sheral properties, concerning which an agreement has been entered into bewent halor? W. S. Ross and Mr. Edward Miller. The subscribers are—P. W. Ross, 24, West Cromwell-road, Kensington; Alfred H. Miller, High-street, Bown F. H. Fablan, 5. Norman-terrace, Dulwich-road, Herne-bill; S. A. obbett, Mitcham; S. W. King, 17, Upper Burnsbury-street; Edward Thomson, Trove-street, South Hackney; Edwin Miller, Jefferes-road, Clapham. Thoss are one share each.

Grove-tireet, South Hackney; Edwin Miller, Jefferles-road, Clapham. These take one share each.

CRFN-Y-GUNTLA MINE (Limited),—Capital 20,000L, in as many share of Il. cach. To purchase and work the Cefn-y-Guntla Mines, in the parish of More, Stropshire, are the objects of this company, which is promoted by the following gentlemen, who take upone share each:—Horace Green, 4, Dane's Inn. Extract; 6, H. Cardozo, 18, New Broad-street; J. C. Tahurdin, Shrewsbury; B. Peake, Linley, near Bishop's Castle, Salop; Charles Poulton, Barton-street, Westminster; James S. Spencer, 20, Vassale Villas, Holland-road, Rrixton; T. Evans, 14, Maynard-road, Rotherhithe.

ANGLO-AMERICAN MAREZZO MABBLE COMPANY (Limited).—Capital 50,600L, in 10,00) shares of 51. cach. Marezzo marble is a beautiful and inelegance, durability, and resistance to atmospheric influences. In July last a company was for med to acquire and use the patents for its manufacture, and the company now under notice appears to be started to supply the same material exclusively in the United States of America. The subscribers are -J. Harvey, M. D., T. Princes-street, Hanover-square, 10 shares; R. H. Ody, 292, Strand, 11; G. A. H. Dean, 65, Ludgate-bill, 20; Capt. Christopher Marriott, Abingdon, 10; W. L. Dix, 11, Fizroy-street, 5; G. B. McFarland, 51, Jermyn-street, 29; Major Growler, Imperial Club, Chettenham, 10.

CHAMMEL TUNNEL COMPANY (Limited).—Capital 30,000L, in 1500

CHANNEL TUNNEL COMPANY (Limited).—Capital 30,0001., in 1500 CHANNEL TUNNEL COMPANY (Limited).—Capital 30,0001, in 1500 harce of 50, each. This is a private company formed to experiment, with a lew to proving the practicability or otherwise of tunnelling under the English hancel, so as to bring about a rapid and direct means of communication etwest this country and France. The company will begin by making a trial half, and driving a driftway on the English side about half-a-mile beyond to water mark. Should events warrant it another company will hereafter be formed to carry out the full intentions of the promoters of this company, who are following:—Lord Richard Grovenor, 76, Brook-street, S shares; Thomas trassey, M.P., 5; Sir Edward Buckley, M.P., 5; W. B. Buddicom, Mold, 5; dmiral Geo. Elliott, 17, Grovenor. "square, 1; William Hawes, 17, Montagulace, 1; Capt. Beaumont, M.P., 1 share.

BRITISH AND FOREIGN EXCHANGEAND INVESTMENT BANK FENG.

lacs, 1; Capt. Beaumont, M.P., 1 share.

BRITISH AND FOREIGN EXCHANGEAND INVESTMENT BANK [ENGBRITISH AND FOREIGN EXCHANGEAND INVESTMENT BANK [ENGBROWN UND WEGUSLER GESCHAPT] (Limited).—Capital 1,000,000 kl., in
00,000 shares of 5k. each. This is an important company, formed to carry on
be business of bankers and financiers. The subscribers are—Thomas Charles
iroce, 42, Hill-street, Berkeley-square; George de Worms, 1. Austinfriars; John
Schlinski, 37, Finsbury-circus; Aibert Worburg, 43, Pall Mall; John Horatio
loyd, 100, Lancaster-gate; Heory de Worms, 1, Austinfriars; Louis Merton,
Rue de la Paix, Paris; Theodore Pouges, 73, St. James's-street. Each of
rhom takes up 200 shares.

whom takes up 200 shares.

OTTOMAN NATIONAL BRICK AND POTTERY COMPANY (Limited).—
Opical 75,000, in 15,000 shares of 51, each, This company will manufactur
bricks, tires, &c., at Buyuckdéró, in the Ottoman Empiro. The subscribers ar
—B. W. Jones, Oakfield Villa, Reigate; R. Tilling, 38, Warner-street, Dover
rad 7 T. Tsmith, 38, Bloombury-square; S. Wise, 12, Fenchurch-street; Tho
Moon, 3, Radmor-street; J. M. Rowards, 12, Fenchurch-street; J. T. Payne, 3

THE WHITE PINE WATERWORKS COMPANY (Limited).—Capital

this 25,000l., in 1250 shares of 20l. each. This company will carry on the business of ironmasters and tin-plate manufacturers. It will acquire the works of Lineily Charcoal from works at Clydach, in the county of Brecon. The subscribers are—J. L. Stothert, Newark Foundry, Bath, 25 shares: W. H. Forrese, Branes, 10; Basil Jayne, Abergavenny, 8; W. C. Clark, Cardin, 5; Leoser B. Williams, Swansea, 5; E.G. Clark, Bristol, 5; W. E. Jayne, J.P., Abergaveny, 8.

HTANO MANURE COMPANY (Limited).—Capital 400,000L, in 40,000 aare of 10L each. This company is formed to manufacture manure at Salved, ander patents acquired from Mr. W. H. Hughan, of that place. The subsidier, are David Stroyan, Newtownstewart; Thomas Davis, Crescent-parade, allord; George Robinson, 1. St. Peter's-square, Manchester; John W. Maclure, ond street, Manchester; W. J. Marshall, Romford; R. P. Fox, Great St. George Robinson, 1. St. Peter's-square, Manchester; John W. Maclure, cade: Salisbury Ball, Burwell, Cambridgeshire. Each take 25 shares.

BOUTH DOWN METAL AND CHEMICAL COMPANY (Limited,—Capital Model. In 500 shares of 100L each. This company will complete the princes

SOUTH DOWN METAL AND CHEMICAL COMPANY (Limited,—Capital 24,0001., in 500 shares of 1001. each. This company will combine the business of main and extractors and refiners with that of manufacturing manure. The subscribes are—F. T. Barry, the Clock-house, Beckenham; William Smith, Corasteel, Bris. oi; G. Hisliett, Rotherhithe; E. H. Muspratt, S., Chapel-street, Liverpoot; P. Gibson, 12, Canning-place, Liverpoot; Thomas V. Bird, 12, Canning-place, Liverpoot; Esch take 10 shares.

THELOW (Silver-Lend).—This company, so far as the disposal of shares is concerned, is proceeding very favourably. The disposition to invest in genuine lead mines in Cornwall has shown itself by numerous enquiries for shares in this company. In the county the mine is highly spoken of, and the indes being embedded in the same stratum of ground as East Wheal Rose and West Chiverton cannot fall to prove highly remunerative.

NORTH SNAILBEACH (Silver-Lead).—We are making good progress in clearing out the No. 1 level, and hope soon to get under the ore ground opened upon above, a sample of which I forwarded to the office. I am also opening on the back of the hill, on the north lode, where I got the imm of lead 7 lbs. weight; this lode, where opened upon, is highly impregaated with lead ore.—T. Livies, Agent.

#### MINERS' WAGES MOVEMENT.

GENERAL MEETING of Adventurers, Pursers, Managers, and Agents of Mines in Cornwall and Devon will be HRLD at the Music Hall, to, on MONDAY, the 22nd instaut, at One P.M., to take into consideration mulicut of Miners' Wages, and the Mode of Payment throughout the Two ties, and to adopt such resolutions thereon as may be deemed desirable.

HIGHARD DAYEY, feet, will take the chair.

By order of the Ownellites.

WM. FOLKINGHORNE, Honorary Secretary.

Dated Tywardreath, January 8, 1872.

Geological Mineralogy-King's College, London.

Geological Mineralogy—King's College, London.

PROFESSOR TENNANT, F.G.S., will commence his SECOND or PRACTICAL DIVISION of his LECTURES on MINERALS and OURS on Wednesday morning, January 24th. The lectures will be continued a such succeeding Friday and Wednesday at Nine A.M. Fee, £2 2s.

A shorter course on the same subject will be given on Thursday evenings at the celect. Fee, £1 1s.

Private instruction in Mineralogy and Geology is given by Prof. TENNANT, his residence, 149, Strand, W.C.

MR. J. VAN DER ELST will negotiate with PROPRIETORS
OF COAL MINES for the INTRODUCTION of his PLAN FOR PRE-OF COAL MINES for the INTRODUCTION of his PLAN FOR PRE TING EXPLOSIONS IN COAL PITS. diress, J. VAN DER ELST, ESQ., 7, Palm-street, Green-street, Victoria Park

IVENIUS ONINIM MILL

OLD MINING.—There will shortly be an OPENING for an OVERLOOKER, thoroughly experienced in GOLD MINING and REDUCTION, to superintend (under the principal agant) the working miners on a rich gold quartz property near the Pacific Coast.

Applications must state terms, and give full particulars of experience and qualifications, with references, and be addressed to "J. A. M.," care of Mr. R. Emerson, Ethelburga House, Bishop-gate-street Within, Loudon, E.C.

SECRETARY WANTED for a VALUABLE COPPER MINE, A who is well acquainted with his duties, and a gentleman of standing."
Applications to be made to HITCHENS and Co., Mineral Agents and Surveyors
New Poultry chambers, London, E.C.

WANTED, by a large Iron Export House, a GENTLEMAN THOROUGHLY ACQUAINTED with the TRADE, and competent to TRAVEL on the CONTINENT. Must be conversant with continental languages. A German preferred. Liberal salary if suitable, Address, "B. I. C.," MINING JOURNAL Office, 26, Fleet-street, London.

WANTED, a few Parties to join the Advertiser in developing a very valuable FREEHOLD MINERAL PROPERTY in NORTH STAFFORDSHIRE, from which both COAL and IRONSTONE of superior qualities are being raised for sale. Additional capital is required to extend the present operations, and erect blast-furnaces. Apply to Mesers, SAUNDERS and LEWIS, Estate Agents, Derby.

WANTED, TWO WINDING AND PUMPING ENGINES, VV new or second-hand, about 13-horse power, all complete, with from 6 to 7 in. PIT WORK for 29 to 36 fathoms.

Apply by letter, with full particulars, price, &c., to "S. C. H.," 157, Kennington-park-road, Loudon, S.E.

WANTED, TO PURCHASE, BLACK OXIDE and CARBONATE of MANGANESE, free from iron.

Apply, by letter, to "Z. Y. W.," General Post Office, Birmingham.

GRANITE SETT TO BE LET.

AN EXCELLENT GRANITE SETT TO BE LET, situate in the famous granite district of LUXULIAN, CORNWALL. The sett adjoins the parish road, and is easy for transit, being only four miles from Par Statien, and five miles from the port of Charlestown.

To view and for conditions, apply to Mr. J. P. BENNETT, the Proprietor Luxulian, Bodmin.

R A I L S F O R S A L E .—

70 tons NEW RAILS, of flange section, 50 lbs. per yard.

70 ditto ditto ditto 56 ditto
20 ditto ditto ditto 60 ditto
40 ditto ditto ditto 50 ditto
For particulars, apply to Mr. ROBERT WHIGHTSON, Iron Merchant, Newport,
Monmouthsbire.

NEW RAILS FOR SALE:—

70 tons Flange, 76% lbs. per yard.
20 ditto 76 lbs. ditto, with accessories.
640 ditto 70% lbs. ditto ditto
640 ditto 70% lbs. ditto
550 ditto 65% lbs. ditto
550 ditto 70% lbs. ditto
550 ditto 70% lbs. ditto
550 ditto 65% lbs. ditto
Apply to Henry Firmin, 99, Cannon-street, London, E.C.

FOR SALE, separately, at reduced prices, the VALUABLE TOOLS and OTHER APPLIANCES used at New Dock Works, Leeds, in the manufacture of railway plant, wagon and carriage building, general engineering, &c. &c.

gineering, &c. &c. For prices and particulars, apply to Mr. JAMES POWELL, Consulting Engineer and Valuer of Engineering Plant, &c., 80, Basinghall-street, Leeds.

TO SHAREHOLDERS IN MINES.

THE LONDON STOCK AND SHARE AGENCY,
165, STRAND, and 2?, GREAT WINCHESTER STREET, LONDON
baving this day issued a circular, call the particular attention of investors to
its contents. A few remarks contained therein, and a few particulars of invest
ments, may prove of service to investors.

J. F. FARBRIDGE, Secretary.

JAMES BRENCHLEY, 32, NICHOLAS LANE, LOMBARD STREET, LONDON, SHAREDEALER. (E-tablished 18 years.)
PURCHASES and SALES effected in all DIVIDEND and Progressive BRITISH and FOREIGN Mines.
Reliable advice given on application, personally, or by letter, as to what mines might be safely BOUGHT, what held, SOLD, or AVOIDED.

NOTICE.

NOW READY, AND FORWARDED GRATIS on application, by letter only, A TABULAR STATEMENT of the DAYS of MEETING during this year of the PRINCIPAL BRITISH MINES dealt in on the London

markets.

JAMES BRENCHLET, 32, Nicholas-lane, Lombard-street, London.

On the 17th of every month, price One Penny, the E S T M E N T R E V I E W :

A Monthly Record of
COMMERCIAL AND FINANCIAL PROGRESS.

COMMERCIAL AND FINANCIAL PROGRESS.

Edited by JOHN ROBERT PIKE.

The present number contains, among other useful and interesting information to investors of all classes, the following articles:—Cost-Book System and Limited Liability, Profits of British Mining, the Investment Market, Foreign Mines, Hydraulic Mines, &c.

Investors and speculators will find in this Review much information not otherwise obtainable. The selection of dividend and progressive mines cannot fail to be wonderfully remunerative at present prices.

Crown-chambers, Threadneedle-street, E.C.

NOTICE.

NOTICE.

INVESTORS' GUIDE should be consulted by all Capitalists seeking SAFE and PROFITABLE INVESTMENTS.

INVESTORS' GUIDE contains the most reliable intermation relative to Mining, Banking. Railway, Insurance, Dock, Hotel, and other Companies.

January number (now ready) contains the particulars of the ALLT-Y-CRIB LEAD MINR, which will soon become, without exception, THE RIGHERS MINE IN WALES. Shares, which can now be purchased at £2 12s. 6d. per share, will very soon be worth £20.

INVESTORS' GUIDE, published monthly, and forwarded POST PREE on application to—

JOSEPH FELL AND CO., 38, GREAT ST. HELEN'S, LONDON, E.C.

T. JOSEPHSBERG COPPER AND LEAD MINING COMPANY (LIMITED).

FOR SALE, a FEW of these SHARES, fully paid, at £12 per share.

Apply for all particulars to '. J. T. B.," 24, Excter-atreet, Plymouth.

ISSUE OF 18,000 EXTENSION SHARES, OF £20 EACH, OF THE ISSUE OF 18,000 EXTENSION SHARES, OF 270 EACH, OF THE

OMERSET AND DORSET RAILWAY COMPANY.—
Notice is hereby given, that the SUBSCRIPTION LISTS for the above will be CLOSED on TUREDAY NEXT, the 23rd instant, for application from TOWN and COUNTRY.
By Order, ROBERT A. READ, Secretary and General Manager.
No. 16, Parliament street, London, S.W., January 17, 1872.

CENTRAL VAN LEAD MINING COMPANY (LIMITED).
Notice is hereby given that the LIST OF APPLICATIONS FOR SHARES in this Company will CLOSE on MONDAY, the 22nd inst., at Four o'clock.
By order of the Board,
Offices, 21, Corphill, London, E.C.

NOTICE IS HEREBY GIVEN, that the SUBSCRIPTION LIST for the 400 certificates, of 10 shares each, in the WHITEHAVEN IRON MINES (LIMITED), will be CLOSED on WEDNESDAY, the 24th of January Instant. 29th January, 1872.

THE BRONFLOYD COMPANY (LIMITED).—
Capital £50,00°, Consolidated Stock.

Notice is hereby given, that the ANNUAL GENERAL MEETING of the members will be HELD on the Company's Mine, near Aberystwith, on WEDNESDAY, the Sist inst., at Twelve o'clock, to declare the Thirty-third Quarterly Dividend of £1000; to appoint &irrectors and auditors retiring by rotation, and on the ordinary business of the company.

The Transfer Books will be closed from the 24th to the 31st instant.

J. B. BALCOMBE, Managing Director.

Aberystwith, dated the 16th January, 1872.

THE GREAT WEST CHIVERTON MINE COMPANY (LIMITED).

Notice is hereby given, that a SPECIAL GENERAL MEETING of the share-holders of this company will be HELD at the officer of Mr. Waiter Webb, No. 27, Gresham-street, in the City of London, on WEDNESDAY, the Size day of January inst., at Twelve o'clock precisely, for the purpose of considering a proposed agreement for sale of the mines and mining rights of the company and the property in, upon and about the same, or used in connection therewith, to alproposed new company, in consideration of shares in the proposed company; and that at such meeting resolutions will be autumited to wind-up the company, and to appoint a liquidator thereof, and to approve the proposed agreement and to authorise the liquidator to enter into the proposed agreement to carry the same into effect.

nent and to authorise the liquidator to enter into the proposed agreement tarry the same into effect.

By order, JOHN BROADBENT, Jun., Secretary.

Dated this 16th day of January, 1872.

66, Eithelburga House, 70, Eishopegate-street Within, London, E.C.

#### ZINC AND LEAD ORES.

AM PAYING as follows (for a ton of ore, f.o.b. at Antwerp) :- \* -BLENDE-1724, for 66 units. of zinc, deducting 4s. 3d. per unit below. -CALCINED CALAMINE -9s, more than for blende.

-RAW CALAMINE (carbonate or silicate).—13s. more than for blende LEAD-SILVER ORES.—235s. for 85 units of lead, deducting 3s. 8d. per unit below, all the silver being paid extra 5s. per ounce troy.

I also BUY at the HIGHEST PRICES :-ZINC AND LEAD ORES MIXED TOGETHER.

6 .- SILVER-LEAD ORES.

I BUY any quantities, however large, contracting for as many years as deired. Particulars by letter.

ARMAND FALLIZE, Ingénieur, à Liége (Belgium).

#### FOREIGN TIN, BY PUBLIC TENDER.

MORE OR LESS, about FIVE HUNDRED TONS OF STRAITS TIN WILL BE SOLD on THURSDAY, the STH of FEBRUARY, BY PUBLIC TENDER, in lots of FIVE TONS each.

can be inspected at the AUCTION MART, TOKENHOUSE YARD, LONDON, on and after the 8th of February, and up to the day preceding the sale.

Full particulars, and Forms of Tender, can be obtained on and after the 5th of February from-

HENRY BATH AND SON, 62, Gresham House, London, E.C.

W. H. CUEL STOCK AND SHAREDEALER, No. 42, CORNHILL, LONDON, E.C. Closing Prices of British and Foreign Mining Shares,

Friday Evening,	January 19, 1872.
Buyer, Seller,	Buyer. Seller.
Assheton £ 314 £ 334	West Caradon £ 2% £ 2%
Bog 23	West Chiverton 14 18
Carn Brea 187 140	West Drake Walls 14 3/
Cook's Kitchen 46 48	West Esgair Lie 1 13
Devon Great Consols 1421/2 1471/2	West Frances 80 321
Drake Walls 1	West Jewell 21/2 8
East Basset 18 20	West Maria 25s, 27s.6d.
Bast Caradon 51/4 51/4	West Seton 125 130
East Grenville 2% 81%	West Tankerville 414 414
East Lovell 1116 12	Wheal Agar 21/4 3
East Pool 18 19	Wheat Buller 37/2 40
Kast Seton 11/4 11/4	Wheal Grenville 9 916
Rast Van \$14 \$14	Wh. Kitty St. Agnes 1814 1834
Great Laxey 144 15	Wheal Mary Ann 11 19
Great North Laxey 114 11/4	Wheal Seton 30 33
Great Vor 91/4 93/4	Wheal Uny 71/2 8
Herodsfoot 35 871/2	
Hingston Down 8% 4	Almada and Tirito % 1
Marke Valley 5 51/4	Anglo Argentine % 34
New Lovell 21/4 21/4	Bird's Eye Creek 3% 4
North Roskear 275 30	Cape Copper 11 12pm,
North Tankerville 34 1	Chontales 1 134
Old Batholes 114 114	Colorado Terrible 4 4%
Parys Mountain 8% 8%	Den Pedro 134 2 pm.
Pennerley 4% 4%	Eberhardt and Aurora 84 9
Perkins Beach 28s.9d \$1s.3d.	Kelipse 1
Prince of Wales 195 218.	Frontino and Bolivia 14 14
Providence 25 27	Independence 10llpm.
Roman Gravels 1814 1834	Javall % % %
South Carn Brea 7% 7%	Kansas 5 5%
South Condurrow 8% 9	Mineral Hill Deb \$21/4 \$7/4
South Crofty 41 43	Pacific 821/2 871/2
South Frances 62 64	Port Philip 14 1%
South Lisburne % %	Rossa Grande
South Roman Gravels. 14 114	Russia Copper 7 8
South Van 1/8 1/8	Richmond Consolidated 221/pm.
Tankerville 1814 1814	Sierra Buttes 4'4 5
Tan-yr-allt 14 14	St. John del Rey 26 27
Tineroft 6212 65	South Aurora 2 214
Trumpet Consols 15 16xd.	Sweetland Creck 31/4 4
Unity Wood 1 11/4	Taquaril68. 3d88.9d.
Van 4716 50	Thornhill Reef 114 114
Van Consols 134 2	Utah 8% 4%
West Basset 71/4 73/4	Yudanamutana 1% 1%
	Gwydyr Park, and West Stiperstones.

Special business in Auril Tankervine, twylyf rark, and west Superstones. For SPSCIAL SALE—West Cornwall Ironstone, fully paid shares (£10), at part For SPSCIAL SALE—West Cornwall Ironstone, fully paid shares (£10), at part SELL will be promptly executed, either for immediate settlement or account, Mr. W. H. CWELL will be happy to forward, free on application, his "Daily Price-List."

Bankers: City Bank.

				-	_	_		_	
			LE.	A D	OR	ES			
Date.	Mines.		Ton		Price	per	to	n.	Purchasers.
Jan. 13-F	rank Mills	******	74		. £15	17	6		Stock and Co.
-	ditto		88		. 11	5	6		Sims, Willyams, & Co.
_	ditto	*******	20		. 5	0	6		ditto
$-\mathbf{L}$	lywernog		20		. 12	5	6		Peter Glover.
15-M	inera Unio	DI	16		. 13	2	6		A. Eyton.
16—Is	le of Man		100		. 22				Panther Lead Co.
17-D	yliffe	*******	70		. 12	8	6		Walker, Parker, & Co.
18-W	heal Mary	Ann	62		. 22	6	0		Sheldon, Bush, & Co.
- R	oman Grav	els	125	*****	. 13	8	6		Adam Eyton,
-Pe	ennerley		33		. 12	18	6		ditto
	ditto		90		10	10			Chalden Dock & Ca

		BLEN	DE.	_	
Date.	Mines.	Tons.	Price per t	on.	Purchasers,
Jan. 15-	Talacre	60	£ 7 5 6		Dillwyn and Co.
17-	Talargoch	50	6 17 6		ditto
-	ditto	***** 50	5 18 0		Baglit Smelting Co.
_	ditto	80	5 0 6		ditto
-	Bog	50	6 18 0		Richardson and Co.

BLACK TIN.

Tons. c. q. lb. Price p. ton. Amount. Purchasers 1. 10 2 3 1 .. 885 17 6 .. £870 11 11 -- Carvedras. Date. Mines. Jan. 13-Pedn-an-drea

COPPER ORES.

Sampled Jan. 3, and sold at the Royal Hotel, Truro, Jan. 18. th Caradon 70 111
ditto 69 7
dittd 60 9 7
dittd 50 5
ditto 44 8
ditto 40 16
ditto 39 12
ditto 37 18
ke Valley 100 4
ditto 69 3

Quantity of or

| COMPANIES BY WHOM THE ORES WERE PURCHASED. |
Names.	Tons.	Amount.
Vivian and Sons	707 6-6	\$2704 7 1
Grenfeli and Sons	288%	1330 11 3
Sims, Willyams, and Co.	117%	1380 11 0
Williams, Foster, and Co.	648	3812 13 0
Mason and Elkington	620%	728 7 4
Copper Miners' Company	241	963 6 0
Charles Lambert	49	173 19 0
Sweetland, Tuttle, and Co.	515 5-6	1241 5 4
The Bedo Motal Company	322	2837 4 0
Company	2837 4	
Company	2837 4	

NO SALE on Thursday next, January 25.

#### CENTRAL URUGUAY RAILWAY COMPANY OF MONTEVIDEO.

FROM MONTEVIDEO TO DURAZNO.

of 15,940 Seven per Cent. Preference Shares of £50 each, of the Central Uruguay Railway Company of Montevideo.

Upon which a Minimum Dividend of 7 per cent, per annum is secured by the Government of Uruguay Guarantee of £70; per annum per statute mile for 40 years, attaching as each separate section of the line is opened for traffic and, in the meantime, out of funds retained for the purpose.

These shares are further entitled to equal participation with the ordinary shares in the surplus profits, after the latter shall have received 7 per cent.

Price of issue, £38 15s. per share of £50, giving a minimum return of upwards of 9 per cent. per annum on the amount invested.

of 9 per cent. per annum on the amount lovested.

The London and River Plate Bank (Limited), are authorised to receive subscriptions for the above, payable as follows:

£5 0 per share applied for, payable on application.

5 0 " " " " " allotment.

7 10 " " " 1st April, 1872.

7 10 " " 1st November, 1872, less half-year's interest.

7 10 " " 1st November, 1872.

6 5 " " 1st November, 1872.

allotment. 1st April. 1872. 1st Aug., 1872, less half-year's interest 1st November, 1872. 1st February, 1873.

DIRECTORS IN LONDON.

JOHN FAIR, Esq., Consul of the Argentine Republic and Director of the Buenos Ayres Great Southern Railway Company.

LOFTUS A. FITZWYGRAM, Esq., 89, Eccleston-square, S.W. GKORGE W. DRABELE, Esq. (Chairman of the London and River Plate Bank, and Director of the Buenos Ayres Great Southern Railway Company).

JAS. BRUNLEES, Eeq., C.E 5, Victoria-street, Westminster, S.W., London.

Messrs. COPE, ROSE, and PEARSON, 26, Great George-street, Westminster, S.W., London.

BANKERS.

Messrs. GLYN, MILLS, CURRIR, and CO.,67, Lombard-street, E.C., London.

SECRETARY—S. J. NICOLLE, Eq.

OFFICES:—4, GREAT WINCHESTER STREET BUILDING<sup>3</sup>, E.C., LONDON.

TRUSTEES FOR THE PREFERENCE SHAREHOLDERS DURING THE CONSTRUCTION OF THE RAILWAY.

GEORGE W. DRABBL, E-q. LOFTUS A. FITZWYGRAM, Esq. LORD HENRY GORDON LENNOX, M.P.

The sum required to meet the first two years' interest will be retained by the London and River Plate Bank (Limited), on behalf of the trustees.

Interest at the rate of 9 per cent. per annum, payable half-yearly, on 1st August and 1st February, will be allowed on each instalment, from dates of payment thereof, until the shares are fully paid up, when the 7 per cent. Interest on the £89 share, equal to 9 per cent. on the amount invested, will accrue. The first payment of interest will take place on 1st August, 1872.

Subscribers may anticipate calls on any of the dates of payment under discount at the rate of £4 per cent. per annum on amounts paid in anticipation.

#### PROSPECTUS.

The Central Uruguay Rallway Company is a société anonyme for carrying out the concession granted by Law of Congress of the line of rallway from Monte Video, the capital of the Republic, to Durazno, the chief town and principal depôt of the interior, forming a central trank railway of 128 miles in length for the State of Uruguay.

The concession is in perpetuity, with a Government guarantee of £700 per mile per annum for 40 years, attaching as each separate section of the railway is opened for traffic, whether the remaining portion (if any) shall be completed or not.

or not.

The concession thus presents this favourable feature that each of the sections may be regarded as a separate railway complete in itself, since when completed it obtains an absolute and indefeasible Government guarantee of 7 per cont. and by opening up a fresh zone of country has a fair prospect of traffic beyond

it obtains an absolute and inderession what a fair prospect of traffic beyond and by opening up a fresh zone of country has a fair prospect of traffic beyond the guardates.

The first section already opened for traffic shows, by the subjoined reports recently published by the trustees, net returns from passenger traffic alone more than the Government guarantee—in fact, nearly at the rate of 10 per cent. per annum on the nominal capital of £10,000 per mile, or upwards of 12 per cent. per annum on the price of the shares of the present issue.

The railway will be completed from Monte Video to Santa Lucia, a distance of 40 miles (for which the necessary capital is provided), in about six months, when the results are expected to be still more favourable.

Further contracts have been concluded between the company and the Messrs. Waring Brothers for the completion and equipment, within two years, to the satisfaction of the Government, and in conformity with the terms of the Concession, of the railway from Santa Lucia to Durazno (a distance of 88% miles, as to 81 miles for the proceeds of the 15,910 preference shares now offered for subscription (or pro rate in case part only shall be subscribed), and as to the residue for 1500 similar shares which they have agreed to take in payment of their contract.

their contract.

The contract makes provision for the payment of interest during course.

The contract makes provision for the payment of interest during course.

The capital of the company will then consist of—

Firstly—£300,000 Obligations of this company (which were issued in London and River Plate Bank, in April last), charged only on the first section of 40 miles from Monto Video to Santa Lucia, which were issued in London last year at £75 per £100, and are now quoted on the Stock such as the second of the sec

Firstly—2.500,000 could not this company (which were issued in London by the London and River Plate Bank, in April last), charged only on the first section of 40 miles from Monte Video to Santa Lucia, which were issued in London last year at £75 per £100, and are now quoted on the Stock Exchange at £85.

Secondly—£942,000, consisting of the 15,940 preference shares now offered for subscription, and 2900 similar shares, of which 1400 are subscribed for locally, and the remainder are taken by the contractors, as shows stated, Thirdly.—£261,000, consisting of 5420 deferred ordinary shares of £50 each, held in Uruguay, and entitled to dividend only after the preference chares have received 7 per cent, on each £50 share.

The interest of the shares now offered is fully covered by the Government guarantee of 7 per cent, on the portion of railway between Santa Lucia and Durano, and the surplus of such guarantee on the first 40 miles of the line (now in course of construction) from Monte Video to Santa Lucia, remaining after payment of the interest and sinking fund (charged solely thereon) of the above obligations; and it has the further security of the traffic of the railway.

These shares are further entitled to equal participation with the ordinary shares in the surplus profits, after the latter shall have received 7 per cent.

At the Issue price of £38 iSs. these shares will pay the subscriber a minimum interest of 9 per cent, per annum, with the double security of the guarantee of the Government for 40 years and of the traffic of the railway, already constructed in the Argentine States affords the best lest of what may be expected from the traffic.

The Central Uruguay Railway is most similar in its circumstances to the Buenos Ayres Great Southern Railway is now worth £135, earning a present dividend of £9 per cent, per annum on an actual cost of upwards of £11,000 per mile.

£100 invested in the Buenos Ayres Great Southern Railway is now worth £135, earning a present dividend of £9 per cent, per annum on an actua

if £1730 per mile.

The is no reason why the railways on the left or Montevidean bank of the
Plate should not be as remunerative as those on the right or Buenes Ayres
of that river, and the value of the shares may, therefore, be expected to

as-imitate.

The statutes of the company provide for its representation in Monte Video by a board of directors, of which the actual Chairman is Senor Don Joachim Requena, LL.D., Government Advocate of the Interior and Finance, and Senor Alexander M. Cervantes, LL.D., e.w. Minister of Finance, is Deputy-Chairman they are assisted by colleagues whose influential position in the country, both as large landed proprietors, and as representing other important local interests affords a sufficient guarantee for an efficient discharge of their duties to the company.

affords a sufficient guarantee for an efficient discharge of their duties to the company.

A supplemental contract of the company, approved by the Government, provides for the relative duties of the trustees and London board. Those of the former are confined to the receipt of the capital offered for subscription, and its disbursement against the certificates of the engineer. The directors in London will boid office till the first general meeting of the company in Monte Video, when they retire, but will be eligible for re-election.

The London board will consist of three directors (of whom one will retire annually by rotation), who will represent the Rugiish shareholders in all matters and questions requiring to be initiated in London. Copies of all the minutes, reports, and official decuments of the directors in Monte Video affecting the company are to be regularly transmitted to the London board, without whose advice and consent no material action affecting the company is to be taken. The English shareholders may vote by proxy at all general meetings in Monte Video, and those latter are to be fixed at dates permitting the previous transmission to London of the report and resolutions proposed to be submitted in time for the English shareholders and directors to signify their wishes thereon, and to vote at the meetings.

Thus an effective naticipation in the proceedings of the company is secured.

and to vote at the meetings.

Thus an effective participation in the proceedings of the company is secured for the Knglish proprietary.

Certified copies of the original and supplemental concessions and laws, and certified Knglish translations of the same, and the contracts with Messrs. Waring Brothers, can be seen at the offices of the solicitors, Messrs. Cope, Rose, and Pearson, 26, Great George-street, Westminster.

In the event of no allotment being made the deposit will be returned in full, without deduction.

without deduction.

In default of payment of the sum due on allotment, or any of the subsequent installments, the allotment and all payments made will be liable to forfeiture.

Applications in the annexed form, accompanied by a deposit ob 25 on each share applied for, will be received by the Landon and River Plate Bank (Limited), 40, Moorgate-street, E.C.

Prospecturese and Forms of Application can be obtained at the London and River Plate Bank (Limited), 40, Moorgate-street, E.C., London; also of the secretary, at the offices of the company, 4, Great Winchester-street-buildings, E.C., London; and from all London atockbrokers.

London, Jan. 18, 1872.

FORM OF APPLICATION.

INUE of 15 240 SEVEN PER CENT. PREFERENCE SHARES of \$50 each of

FORM OF APPLICATION.

1 SUE of 15,940 SEVEN PER CENT. PREFERENCE SHARES of £50 each of the CENTRAL URUGUAY RAILWAY COMPANY of MONTE VIDEO, upon which a minimum dividend of 7 per cent. per annum is secured by the Government guarantee of £700 per annum per statute mile for 40 years, attacting as each separate section of the line is opened for traffic; and, in the meantime, out of funds reserved for the purpose. These shares are fur-

ther entitled to equal participation with the ordinary shares in the surplus profits, after the latter shall have received 7 per cent.

profits, after the latter shall have received 7 per cent.

To the London and River Plate Bank (Limited).

GENTLEMEN,—Having paid to Messrs. Glyn, Mills, Currie, and Co. the sum of pounds, being a deposit of £5 per share on Seven per Cent. Preference shares of £50 each of the Central Uruguay Railway Company of Monte Video, is-ued at £38 15s. per share, I request you will allot me that number of the said shares, and I engage to pay that, or any smaller number you may allot me, on the terms of the prospecius, dated the 18th January, 1872.

Name (in full)

Address.

Description.

#### BENHAR COAL COMPANY (LIMITED).

Capital, £200,000, in 20,000 shares of £10 each.

Subscriptions are invited for 15,000 shares of £10 each, or £150,000 capital of the Company.

Deposit, £1 per share on application, £2 10s. per share on allotment, £3 10s. one month thereafter.

The remainder in a future call at an interval of not less than two months.

Shareholders may stipulate, in their applications, for the payment in full of their shares, and receive interest at £5 per cent per annum on the amount paid in advance of calls.

DIRECTORS.

DIRECTORS.

Colliery, and the Almond Ironworks.

PKTER McLAGAN. E-q., M.P., Almondel House, Edinburgh.

EDWARD MELDRUM, E-q., of Dechmont, Limithgowshire.

ROBERT ORR, E-q., Merchant (Messrs. J. Millar, Son, and Co), Glasgow and London.

GEORGE SIMPSON, Esq., Benbar, Linlithgowshire.

SOLICITORS.

Messrs. HILL, REID, and DRUMMOND, W.S., Edinburgh.

AUDITORS.

Messrs. CHADWICKS, ADAMSON, COLLIER, and Co., 65, Moorgate-street,

London, E.C.
Messrs. F. and F. W. CARTER, C.A., 5, St. Andrew-square, Edinburgh.
BANKERS.
The COMMERCIAL BANK OF SCOTLAND, Edinburgh, Glasgow, and

The NATIONAL BANK OF SCOTLAND, London, Edinburgh, and Branches OFFICES-BENHAR, WHITBURN, and 31, ST. ANDREW SQUARE, EDINBURGH.

EDINBURGH.

PROSPECTUS.

This company has been formed for acquiring and working the well-known valuable Benhar Coal Field, comprising more than 2000 acres, held on lease by Mr. George Simpson, Coalmaster, Benhar, Lanark-hire, and Liolithgowshire, with the pits and mineral plant connected therewith. The mineral field is nearly equidistant between Edinburgh and Glasgow (as shown in the map accompanying the prospectus). It is inter-ceited by branches of the North British and of the Caledonian Railways; and it is thus is direct connection with the large part of Scotland and the shipping ports served by these railways, and to most of the large markes it has two competing railway routes.

The report by Mr. John Geddes, of Edinburgh, Mining Englaner (who was the Royal Commissioner who reported on the Scotch Coal Fields in the recent Government enquiry as to the mineral resources of the country), describes some of the principal features of this coal field.

Mr. William Armstrong, of Ferry-hill, has also made a more detailed report on the field to Messrs. Chadwick's and Co., which is of a highly favourable character.

Mr. William Armstrong, of Ferry-hill, has also made a more detailed report on the field to Messrs. Chadwick's and Co., which is of a highly favourable character.

The seams at present wrought are the Benhar coal seam and the Benhar No. 2 seam, with the latter of which there is associated a seam of ironstone. The coal of this field is widely known as superior household coal, and finds a ready market in Edinburgh and in the south of Scotland, as far as Hawick and Berwiek-on-Tweed, and also in Dundee and Aberdeen, and other places in the North. The coal field has hitherto been in the hands of several parties, and profitably worked; but important economic advantages both in working and disposing of the coal are obtained by its being held by one interest. For this reason the arrangements have been made which enable the present company to be formed. The field presents the advantages of a superior coal at very moderate depth; little water in the workings; favourable situation for railway accommodation; easy access to many markets; and a widely-established reputation. The railway companies take delivery of the coal on the pit sidings.

The duration of the leases of nearly the whole area is over 39 years. A small area is held for 25 years; and there are small sections held for shorter periods, the coal in which, it is known, will be easily exhausted before their expiry.

The quantity of coal of the No. 1 seam (depth 20 to 25 ms.) is estimated by Mr. Geddes at upwards of 4,350,000 tons, and of the No. 2 seam (depth 30 to 50 ms.) at upwards of 4,810,00 tons, and there appears no difficulty in providing an output from these two seams aweraging 300,600 tons a year.

Each one shilling per ton of profit on this output equals 7½ per cent. per annium on the capital of the company, without taking into account any increase in the rate per cent. by the gradual redemption of capital, or by investment of the linking fund that may be set apart for this purpose.

The profit at present realised averages upwards of 4s, per ton on each t

company.

The incorporation of the company will admit of their extending their operations to other fields, if the company so resolve. A c-py of the Memorandum of Association is annexed to the prospectus. The leases are in the hands of the

solicitors.

The agreement for purchase, entered into on behalf of the company, is dated

17th January, 1872, between George Simpson, Coalmaster, Benhar, of the on-17th January, 1872, between George Simpson, Coalmaster, Beuhar, of the onpart, and Join Oldfield Chadwick, on behalf of the company, of the other part Copies of this deed may be inspeted on application to Messra, Chadwicks ADAMSON, COLLIER, and Co., 65, Moorgate-street, London, and 64, Gross-street Manchester, or to the Solicitors, of any of whom also prospectures and forms of application for shares may be estained. In all cases where no allotment is made the deposit will be returned without deduction.

This form, when signed, may be transmitted to the Commercial Bank of Scotland: Edinburgh, Glasgow, and Branches; the National Bank of Scotland London, Edinburgh, and Branches; or, Mesars. Chadwicks, Adamson, Collier and Co., & Moorgate-street, London, or 64, Cross-street, Manchester.

# THE WEST FLORIDA SILVER-LEAD AND BLENDE

MINING COMPANY (LIMITED).
Incorporated under the Companies Acts, 1862 and 1867.
Capital, £20,000, in 2000 shares of £10 each.
A deposit of £2 to be made on application, and £2 on allotment.
Remainder (if required) to be paid at intervals of not less
than three months.

DIRECTORS.

WILLIAM CHAMBERS, Eaq., United University Club (Director of the Swansea Smelting and Silver Mining Company).

CHARLES RULE, Esq., 10, Clement's Lane, E.C. Without, E.C., and WILLIAM SLATER, Eaq., 6A, Blahopegate-street Without, E.C., and

Dr. MATTHEW MORRIS, 12, Colebrook-row, N. NATIONAL PROVINCIAL BANK. London, and Aberyatwith branch. ENGINEER, -CHARLES KNEEBONE, E-q., London, and Strata Florida SECRETARY, -Mr. F. W. HANCO K.

GINEER,—CHARLES KNEEBONE, Esq., London, and Strata Flori SECRETARY,—Mr. F. W. HANCO K. OFFICES,—6a, BISHOPSGATE STREET WITHOUT, LONDON.

#### ARRIDGED PROSPECTUS.

This company is formed for the purpose of acquiring a lease of the valuable property known as West Florida Mine, with the buildings, plant, and works thereon situate in the parishes of Gwnnws and Caron in the county of Cardigan, South Wales.

The mine was worked for a short period several years ago, and about 90 tons of ore were gotten and sold from a depth of 10 ms, only; this ore yielded by assay from 25 to 32 ozs. of silver to the ton of lead. The blende is also rich in silver, and it is anticipated that profitable returns will be made from this source only.

source only.

Samples of the ores, the engineer's report and assays, the contract dated the 11th day of October, 1871, the Articles of Association, and the plan of the property may be seen at the offices of the company, or on application to Messrs, William Stater and Co., 6A, Bishopsgate-street Without, London, E.C., from whom forms of application and forther information can be obtained.

M R. T. PUBLIC ACCOUNTANT, AUDITOR, STOCK AND SHARE BROKER.
les and Purchases effected in British and Foreign Stocks, Funds, Railway
Debentures and Preference Stock, Back, Gas, and Mining Shares.

FURZE HILL TIM MINE specially recommended.

#### DEERPARK MINING COMPANY (LIMITED) TIN AND COPPER.

Capital, £30,000, in 15,000 shares of £2 each, Of which 5000 are apportioned in part payment of the property, as hereing explained. The remaining 10,000 shares are now offered for sub-criptical Deposit, 5s. on application and 15s. on allotment. Should no allotment be made, the money will be returned without deduction.

Further calls (if required) not to exceed 5s, per share, to be made at intervals of three months.

Intervals of three months.
DIRECTORS.
ANDREW GRAY, Esq. (Messrs. A. and J. Gray), 1, Lime-street-square, R. HENRYS. DYER. Ksq., Paymaster R. N., St. Michael's-terrace, Plymoret, JOSEPH CHATWIN PARKY, Esq., late General Manager of the Delhi sul London Bank, 32, Russell-road, Kensington, W. EDWARD JAMES BOLDERO, Esq., late Bengal Civil Service, 31, Adding gardens North, W.
With power to add to their number.
BANKERS—THE ALLIANCE BANK (Limited).
BOLICITORS—MOSSIS. BELLAMY and STRONG, 64/6, Bishopsgate-street, R. AUDITORS—E. T. B. WILDE, Esq., Public Accountant, 17, Gresham-street, R. SEGREFARY—Mr. JOHN WRIGHT.

OFFICES,-12, COPTHALL COURT, E.C.

#### ABRIDGED PROSPECTUS.

ABRIDGED PROSPECTUS.

This valuable and extensive property is situated in the Manor of Stoketim land, near Callington, Cornwail, and it adjoins, for its entire northern lengthat very rich mine New Great Consols, better known for many years as Washer that the reserves of the ore in which have been recently valued at £300,00 On the north-cast, east and south, are Devon Great Consols, Fortescue, Citican and Hingston Down Consols; on the south-cast, south, and west, Prince Wales, Kithill, Florence and Tonkin, and the Callington Mines. The proper has been inspected and reported on by Captains J. Thomas, of Dolocath; he netts and Thomas, of Mew Great Consols; Gregory, of Drake Walls; J. Gilgon of Frince of Wales; W. Verran, of Wheai Florence; and W. Metherell, of New Kingston, and their highly favourable reports will be found appended to the prospectus.

prospectus.

No less than eleven lodes (ten tin and copper, and one lead) have been alreadiscovered in the sett, and several of them have been extensively opened up by add levels. The position of the ground for development by these level peculiarly favourable, as the addit can be driven on the course of the lodes, for either the eastern or western side of the sett, and backs to the extent of 50 h

either the eastern or western side of the sett, and backs to the extent of 20 fe, gained.

Two streams of water form the eastern and western boundaries, and will is of great value in enabling the company to work the mine and dress these without the aid of expensive steam machinery, a most value he advantage, as one which very few of the mines in the district possess. It will thus be appared that the prospects presented by this mine are unusually favourable. The forecast would call especial attention to the following opinions of Captains Wayerran and J. V. Thomas, as siven in their 1 interport:—"We consider is lodes already discovered, even if they had been in fat land, sufficient to lastly he errotion of a powerful steam-engine to prove the same; but now that is have the advantage of proving them at such a depth without that outlay, for the carriage of the ores, &c., will be light, as the quays on the River Tame within four miles of the mine, and a line of railway for mineral traffic now being made, which runs within a ½ mile of its southern boundary.

Prospectuses with forms of application for shares can be had at the bases and solicitors or at the company's offices, where specimens of the ore may be see.

#### THE TRELOW SILVER-LEAD MINE COMPANY (LIMITED).

Established for the purpose of purchasing, with the object of more thorough developing, a recognised silver-lead bearing mine, situate in the parish of a. Issey, Cornwall, held under grant from the proprietor, JOHN NICHOLLS, Es, of Trekenning.

Capital £16,000, divided into 8000 shares of £2 each.

TERMS OF PAYMENT: -10s. per share on application, and 10s. on allotment, 10s. on the 1st March, 1872.

10s. on the 1st April, 1872.

Interest at the rate of 10 per cent. per annum will be paid by the contractor multi the completion of their contract, after which it is believed large divided

til the completion of their contract, after which it is believed in a corne.

DIRECTORS.

Captain HENRY BULKELEY, 54, St. James's street, S.W.
Captain C. W. ISDELL, Langford's, New Hampton.
JOHN NEWCOMB, Esq., Pembroke-square, Ken-

sington.

SAMUEL THOMAS TREGASKIS, Esq., Sea Mills, St. Issey, Cornwall,
JOHN MARTYN, Esq. (Messrs. Oates and Co.), Wadebridge, Cornwall.

SOLICITOR - HENRY F. WHITEFIELD, Esq., St. Columb,
MANAGER AT THE MINE-Capt. JAMES JULIFF, of West Chirerton Mine.
ANKERS—Me-srs, WILLYAMS, WILLYAMS, And CO., St. Columb, Cornwill
Messrs, ROBARTS, LUBBOCK, and CO., Lombard-street, E.C. BROKERS,
THE LONDON STOCK AND SHARE AGENCY, 165, Strand, London,
SECRETARY (pro tem.)—JOHN FOX FARBRIDGE, Esg.

OFFICES,-165, STRAND, LONDON; AND 22, GREAT WINCHESTER STREET, LONDON. PROSPECTUS.

PROSPECTUS.

The Trelow Lead Mine is situated in the parish of St. Issey, and is in its same formation of clay-state as all the productive lead mines.

EXTENT OF MINERAL GROUND, LEASE, AND DUES.
The sett is very extensive, being 1500 fms, square, and is under agreement is 21 years from the present time, at the moderate royalty of 1-18th.

PROSPECTS OF THE MINE.

The Directors here wish only to state that which is within their knowleds, and they feel confident that the indications shown, and the returns of issalready made from the very shallow workings, are quite equal to, if they do so surpass, any of the rich lead mines of Cornwall or Wales.

The late Captain HRNBY JARS, whose opinion is everywhere recognish, wrote—"The geological features of this property are everything that can's desired, and the stratum about the diff. rent lodes it a light-coloured claysish, which is generally found congenial for the production of lead ore. I consist this property a fair and legitimate speculation."

Captain JAMES RICHARDS Writes—"The old mine is about 150 fathoms sord of the present end, and it was worked about 46 fathoms from surface by a water wheel, and produced a large quantity of lead. I think from what I have see of Trolow Mine that it is a very promising such though and it sank by the surface, I think any practical miner that inspects this property will be never productive mine."

Captain JOHN KENDAL, also a good authority, wrote—"From the very brouvable character of the lodes, and the fact of lead being me with so near its surface, I think any practical miner that inspects this property will be never productive mine."

Coptain valual Alexandra and the fact of lead being me with so near the surface, I think any practical miner that inspects this property will be never productive for lead in depth, and producing for lead in depth, and producing for lead in the fact of lead being me with so near the surface, I think any practical miner that inspects this property will be a sery remueral we speculation.

Coptain Willi

embark in."

Captain Thomas Parkyrs, from Castle an Dinas Mine, also writen—"The ground being soft clay-slate, or killas, admits of the work being done very fash and also cheaply, and from what I saw I have a high opinion of the mine being a good one. The strata is the same as that of Rast Wheal Rose, in which worked as an underground miner for twelve months. I have so high an opinion of this property that I am willing to take shares should you form a company's work it."

work it."

Captain JULIFF, of West Chiverton Mine, writes—"It can be quickly provided in the mine turnloss will be a linear to take some shares myself if it goes to work, and I recommend my friends to do the same."

A full description of the mine will be found in the reports attached to the prospectus, to which attention is directed.

#### REASON FOR DISPOSAL TO A COMPANY.

REASON FOR DISPOSAL TO A COMPANY.

Captain John Kendall says—'If further evidence is required to prove the favourable indications of this mining property, I would state that the owner of the land and mineral right has up to the present time been working this mink and he now thinks that enough lead has been discovered to warrant the development of the mine below the water level, in order to do which the capital required which the content of the success of the undertaking, that he will take a large interest in the concern.

Beyond this, the Trelow Estate, in which this mine is situate, formerly beinged to several-indiords, whose interests have all strone been purchased by the present owner, and who at this time is too infirm to undertake the responsibility of working the minerals by himself. Further evidence of the value of the preperty, beyond referring to the assays, the Directors thick need not be given, and they confidently believe a profitable mine will be the result of deeper working.

Detailed prospecuses, with reports, &c., can be had on application at its offices of the company.

#### THE COMMERCIAL AGENCY OF BRAZIL,

LEADENHALL STREET, LONDON, E.C.,

markets.

The sale in Brazil, South America, England, India, and Spain of all consignents of produce, goods, earthenware, machinery, railway and telegraph platigal vanised ironwork, agricultural implements of all kinds, cement, coals, & Furnishes information and assistance to all those desirous of emigrating is Brazil, and contracts for the extinement of emigrants in any part of the Empire. Has several landed estates in Brazil to dispose of, suitable for capitalists assemigrants.

Has several manuscuctures in Drami or dependence of bills payable at any part of the Empire—realisation and adjustment of all claims.

Office Hours: Ten till Four.

J. DE A. PORTUGAL, Manager.

MR. W. WHITE, PROFESSOR OF CHEMISTRY AND ASSAY.
OFFICE, 25, FINSBURY-PLACE, E.C.
Assaying taught practically. Lectures to Schools and Public Institutions.
Advice on Mineral Properties.

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#### Notices to Connespondents.

inconvenience having arisen in consequence of several of the Number thepast year being out of print, we recommend that the Journal should on receipt: it then forms an accumul, ting useful work of reference

NNPOSTIG.—As a subscriber to the Journal, may I ask if any of your condents can give me any information about the New Brynpostig Mining my (Limited)?—VERITAS.

DIRITED—Can any of your correspondents inform me through the what has become of this company? I was asked to sub-cribe towards it at a price equal to 48,000. for the property. I hear now that the na be bought for less than half the price. Has the mine fallen off, or the cause of the fall in price?—A COUNTRY SUSSCRIBER: Leicester LUCSuite (August). The price for English block were. the cause of the fall in price?—A. COUNTRY SUBSCRIBER: Leicester Res.—" W. 7. (Spital-square).—The prices for English block were, on 1870, 1161.; Jan. 6, 1871, 1371.; and Jan. 5, 1872, 1524. (nominal) per ton. di refined stood at corresponding rates. The quotations given every by in the Journal for the various qualities, English and foreign, are ing quotations of the preceding evening.

8 on Cleveland, and on Mineralogy, will be continued next week.

ADVERTISEMENTS.—Our charge for general advertisements is—for and under, 4s.; per line afterwards, 8d. Average, 12 words per line

## THE MINING JOURNAL,

Bailway and Commercial Gazette.

LONDON, JANUARY 20, 1872.

#### EXPERIMENTS IN THE MANUFACTURE OF IRON.

There are inventors and inventions. There are men who are very ingenieus, but whose ingeniousness is not a marketable article. Mr. Longhan, the publisher, has shown, in a case which is fairly exciting a large amount of commiseration throughout this country, that there are men of considerable literary ability whose abilities are, nevertheless, not such as yield financial profit. Such endowments were those possessed by the unhappy late Head Master of the Stockwell Grammar School. Of the class of men of attainments in literature to whom Mr. WATSON belongs are men whose skill in mechanics or whose knowledge of the sciences enable them to contribute to the long list of patents that are being provisionally specified at the Patent Office. Practicability should be the great desideratum of inventors. But even when practicability is kept in view the inventor is not invariably able to work out his views. The memoirs of men of genius, and the history of nearly all our great mechanical processes, confirm this. Many a fortune has been lost by the perfecting of a new method of production. Often when the inventor has not himself possessed the pecuniary resources needful to carry on his investigations, or has not been fortunate enough to meet with men of capital having confidence in him and his schemes, the unhappy experimentor has had to leave his toil in the middle, without himself participating in any worldly advantage that he had hoped it would secure to him. Others have then come in and reaped the fruit of his labours. There are many such men now doubtless in the different walks of industry within the four seas. Of such men, however, capitalists would be only too glad to learn in sufficient time to enable the genius of the one and the money of the other to be mutually helpful.

Is Mr. GERHARD, the metallurgical chemist, of Wadham's Hill, Is Mr. GERHARD, the metallurgical chemist, of Wadham's Hill, Wolverhampton, among the class of inventors who need that Hill,

Wolverhampton, among the class of inventors who need thus to be known? Is he a visionary; or is he a man who requires only some little capital-in order to enable him to perfect his enquiries? We are inclined to ask this question from the circumstance that we have for little capital in order to enable him to perfect his enquiries? We are inclined to ask this question from the circumstance that we have for some time past been in the receipt now and then of commenications from our correspondents in that part of the kingdom, intimating that Mr. GERHARD is prosecuting enquiries with a view to the production of iron upon scientific principles, and at an outlay much below that which at present attends the manufacture. It is not our privilege to know anything of Mr. GERHARD, but he certainly seems to be a man who has strong faith in his ability to work out his views. His ceaseless activity demonstrates his confidence; and he is certainly at work in a district which is altogether discouraging to a visionary. They are very practical people down in the Black Country; and Mr. GERHARD ought to partake of the work-a-day sentiments of his neighbours. Whether he does or not we are unable to pronounce. It is, however, our province to intimate that Mr. GERHARD believes that he is now able to make finished iron without the interposition of the puddler. He informs us that he has now brought his trials to the point at which he has satisfied himself that he can produce balls of 80 lbs. each in furnaces, the original cost of which, when forming one of a series, will not be more than 51, each; and that exclusive of the considerable saving in the original outlay, the daily working will be effected at a reduction of some 20s, a ton on the finished article. More than this, and that he runs the iron into his furnaces either direct from the blast-furnace or from the cupola, we are not permitted to speak of the invention. Mr. GERHARD is now hesitating whether to associate himself with others, and make the completed article, or to proceed with the manufacture, and the sale of iron at the stage at which his furnace leaves it. We give no opinion upon the practicability of Mr. GERHARD's plan of ironmaking. We simply place upon record the information he has communicated to us. Notwithstanding his industry in es, and the advancement of the iron manufacture of the world, is only too happy to have the means of calling attention to anythat is being done that contemplates either issue. We are so acquainted with Mr. GERHARD'S circumstances as to be unable limited what they are. It may be inferred, we take it, from the oing, that the gentleman is looking for some sort of co-opera-If Mr. GERHARD'S abilities are of the character that needs the encouragement of the capitalists we do not think that, after we have now said, he will long lack the help that it may be add he needs. We only hope that his views are of the pracclass, and that he is really able to develope a process of manuse which shall benefit the entire industry to which his experistance.

VEMENTS IN STONE-BREAKING MACHINES, y patented by Mr. H. R. MARSDEN, of Leeds, relates to certain mements in the jaws of what are known as Blake's stone-breakers, and consists in curving forward slightly the lower part of the fixed jaw, so as to present a concave surface at that part, and in rounding off the corresponding portion of the moveable jaw so as to enable the convex part so formed to fit into the concave part of the fixed jaw when brought together. The Vridges nauelly made on the active when brought together. The V ridges usually made on the acting faces of these jaws are inclined sideways at a slight angle at the concave and convex portions of the respective jaws, so as to cross each other at those parts, and thereby leave free passage for the broken fragments, whilst the concave curving of the fixed jaw effectually prevents the passage of slates or other thin flat substances through the machine without being broken, whilst the stone is broken into a shape which renders it peculiarly applicable for road-making purposes. We shall refer more fully to this invention in a future Journal.

UNWROUGHT STEEL .- The exports of unwrought steel from the Onted Kingdom have been gradually increasing of late years. In 1869 they amounted to 33,560 tons, in 1870 they rose to 34,962 tons, and last year they further advanced to 39,170 tons. The year also closed favourably, the exports of December having been 3386 tons, against 2943 tons in December, 1870, and 2508 tons in December, 1869. The United States demand for steel would appear to have increased almost as fast as the corresponding demand for iron, the exports of unwrought steel to the United States last year from Great Britain having been 21,157 tons, against 17,787 tons in 1870 and 16,676 tone in 1869. The value of the unwrought steel exported from

the United Kingdom in December was 104,157*l.*, against 89,896*l.* in December, 1870, and 74,985*l.* in December, 1869; and for the whole of 1871,1,199,107*l.*, against 1,103,936*l.* in 1870 and 1,040,707*l.* in 1869.

#### RAILWAY IRON IN 1871.

We are now enabled to take stock of the past year, as regards the foreign demand for British railway iron. It seems that, in spite of the great American and Canadian consumption, 1871 was not a progressive year for our foreign railway iron trade. The aggregate exports of the year did not exceed 979,017 tons, while in 1870 they attained an aggregate of 1,059,392 tons, although in 1869 they only amounted to 888,010 tons. But although 1871 must be set down as an unprogressive year as regards our exports of railway iron, this branch of the national business will be seen to have enormously expanded during the last fifteen years:—

EXPORTS OF BRITISH RAILWAY IRON. -1856 TO 1871.

	Year.	Tons.		Value.	Year		Tons.	Value.
r	1856	 Tons. 461,870		£4,095,309	1864	*******	408,215	 £3,305,086
	1857	 457,660	****	4,000,515	1865	*******	434,300	 3,550,563
	1858	 433,250		3.565,224	1866	******	498,021	 4,183,198
•	1858 1859	 528,927		4,124,218	1867		\$80,571	 4.861,129
	1860	 458,445		2,408,759	1868	******	883,488	 4,660,612
	1861	 377,565		2,906.359	1869		888,010	 7,238,170
	1862	 400,765		2,817,877	1870		,059,892	 8,756,552
,		446,440		3,278,877	1871	******	979 017	 8,065,867

affairs in India.

We have said that there was a great American and Canadian demand for British railway iron in 1871, and the justice of the remark will be fully recognised on an examination of the annexed comparison, showing the exports to the United States and Canada in 1871,

1870, and 1869:— 1869. 1870. 1871. United States Tons 299,196 421.874 511.0.99 Canada 28,792 86,291 61,738

vance is likely to continue. We hardly dare to affirm that it will, but it must be admitted that there is at present an extraordinary activity in the consumption of railway iron in the United States, and that the development and construction of new railways, to say nothing of the improvement and extension of existing lines, has at present received to other than the regards Canada execution in the construction of the constraints. development and construction of new railways, to say nothing of the improvement and extension of existing lines, has at present received no check. As regards Canada, everything is, of course, upon a much smaller scale in the Dominion than in the United States. Still Canada, long stagnant and depressed, has displayed a remarkable amount of industrial activity of late, and several new railways of more or less importance are on hand upon her soil. Canadian statesmen, capitalists, and engineers have also had the boldness and the courage to project a great Canadian Pacific line; and it is needless to say that when this mighty work is carried out it must necessarily absorb a very large quantity of railway iron. But it is obvious that a great deal depends upon the maintenance of peaceful relations between the United States and Great Britain. At present those relations can scarcely be said to be upon a thoroughly satisfactory footing. It is true that there is just now a great parade of friendliness, but so long as the Alabama claims question remains unsettled so long must there be a lingering uneasiness as to the future. For the present, however, the United States demand is the mainstay of well nigh every branch of our iron trade. With respect to India, the prospect seems once hopeful. It is true that the Indian authorities have dawdled a good deal over the State lines which they have promised to commence, but they seem at last disposed to display a little more vigour in the matter; and, this being the case, there is a chance of a revival in the Indian demand for rails and railway matériel. It is idle, at the same time, to attempt to disguise the fact that this revival has not yet commenced, our exports of railway iron to Brittsh India in December, 1870, and 11,740 tons in December, 1869. The Indian market has been such an important one in times past that it is greatly to be hoped that it will again attain its old magnitude.

#### MACHINE-BORING IN CLEVELAND.

MACHINE-BORING IN CLEVELAND.

The Machine Tunneling Company has lately completed a boring undertaken for the Stanghow Ironstone Company, the machine used being the patented invention of Capt. Beaumont, R.E., and M.P. for South Durham. Having mysélf, with many others, witnessed the working of the machinery during the period of its operations at Stanghow, its performance has been viewed with wonder, and has given great satisfaction. Boring was commenced at the Stanghow bore-hole on Oct. 7, and continued during the short days, in day time only, up to Dec. 4, when the boring was completed. During the first 15 days a depth of 107 ft. was reached; 86 ft. of this was hard colitic sandstone, and a hard rock containing crystals of quartz. In other 12 days' boring a further depth of 220 ft. had been penetrated, and the shale overlying the top seam of ironstone was reached at a distance of 368 ft. from the surface. At this period the weather became unpropitious, the pumps were frozen, and considerable delay consequently ensued. Operations being again continued, the remaining depth of 321 ft. was attained on Dec. 16, the main seam of ironstone being cut through a little above that depth. One good feature of this mode of boring is that a sample of the mineral, in the shape of a core 1 in. diameter, is obtained the whole of the depth. Thus, in 60 short days, including all stoppages, and the delay from frost, the Stanghow main seam of ironstone was reached, and cores were obtained showing precisely its quality. The boring apparatus was driven by a small portable steam-engine, connected with it by a belt. The boring-tube being set with diamonds at the cutting part makes an annular perforation through the strata, the outer circle being 2 in, and the inner one 1 in. in diameter, the debris being carried away from the boring tool by a circulation of water. The tube requires to be withdrawn only to obtain the core, going as far as 20 ft, without being entirely lifted.

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This is certainly a great improvement on the old-fashioned and tedious method of boring by hand, where pounded sludge is the only sample obtained of the rocks passed through, and about 18 months would have been required to attain the depth of strata recently bored through at Stanghow. Capt, Beaumont's boring machine is not only an economiser of time, but the application of mechanical force is irresistible, the hardest grit and flint stones being cut as clean as the softest shale. The machinery is, no doubt, of a costly character, but when the saving of time is taken into account, which should not be lightly valued, the cost of boring by the machine is much less than by the old process, the actual cost being very little more than that of boring by hand.

SOUTH YORKSHIRE STEAM COALOWNERS' ASSOCIATION .- A spe cial meeting of the South Yorkshire Steam Coalowners' Association was held, on Wednesday, at the King's Head Hotel, Barnsley, for the was held, on Wednesday, at the King's Head Hotel, Barnaley, for the purpose of not only transacting the ordinary business, but of considering the present railway traffic arrangements, the price of coal, &c. Amongst those present were—Mr. C. Bartholomew, the "Broxholmes," boneaster, one of the proprietors of the Wombweil Main Kolunuds, and Swaithe Main Collieries; Mr. G. Craik and Mr. T. Craik, Ratt Gawber Collieries; Mr. Crotts, Pinder Oaks and Darley Main Collieries; Mr. Sward and Mr. Simpson, Lund Hill Colliery; Mr. Thos. Dymond, the Oaks Collieries; Mr. J. Mitchell, Swaithe and Edmunds Main; Mr. Huntriss, Darfield Main; Mr. J. Hall and Mr. C. Stones, High Boyd Colliery; Mr. W. Lawton, the Blacker Main Colliery; Mr. Byeroft, &c. Mr. C. Bartholomew occupied the chair, and in appropriate terms introduced the main topics for which the meeting was assembled, Mr. Crofts occupying the position of screetary in his usual able, practical, and contecus manner. After the transaction of some formal business, the question of the presents state of the traffic arrangements for sending coal by railway was discussed. It was stated that great inconvenience had been experienced from the want of a better system than at present existed for conveying coal from stations on the South Yorkshire line to the South and other districts; and, as a consequence, considerable loss to colliery proprietors was the result. With the present locomotive power it was considered that by better arrangements the traffic could be greatly facilitated, and the coal takes away more speedly to its destination. The secretary then read a letter from the manager of the Muschester, Sheffield, and Lincoinshire Railway to the effect that the directors were desirous of doing all they could to promote the interests of the colliery proprietors, and the development of the minerals throughout those districts which their line traversed. With those objects in view, they purposed making extra sidings at Wombwell and Mexborough, where the traffic had greatly increased of late, and which would tend to meet the wishes of the colliery owners in those important districts. The question of the charge for wagons for the conveyance of coal was then taken into consideration, and it was agreed that an advance to the extent of 3d, per ton, so far as regards wagons, should be made in certain districts to merchants, seeing that the old rates were the reverse of remunerative. In some discussion which took place a strong feeling was expressed that steam coal should be advanced is, per ton, so as to make the price at the pit's mouth 10s, per ton—a price which could be easily realized, seeing that at the present time the demand is more than double the ability of the coal-owners to supply. It may, therefore, be assumed that 10s, per ton will be the rule so far as regards the South Yorkshire steam coal. A vote of thanks to the Chairman brought the proceedings to a close, after which the members of the degree satisfactory, the propects of the trade being unequalled in the mining history of the district.

#### REPORT FROM CORNWALL.

REPORT FROM CORNWALL.

Jan. 18.—The second fall in the tin standard, which followed so closely upon the date of our last report, has had a very depressing influence upon mining enterprise in the county. Shares of well-to-do mines have dropped, and a considerable amount of inactivity is manifested in connection with sundry of the new concerns, which at the opening of the year appeared so promising. The first drop had comparatively a trifling influence, for belief in a speedy reaction was entertained; but the two together are something serious—they affect the profits of such a mine as Dolcoath to the extent of some 500% a month. That under such circumstances there should be grumbling is, of course, nothing to be wondered at; but the extent and character of the dissatisfaction with the proceedings of the smelters is unusually great. For some little time past the smelters have observed a good deal of reticence in their transactions, and some large firms have, we believe, made independent bargains with their customers, almost under the seal of secrecy. There has thus been a considerable indefiniteness in connection with the standard, and hence different estimates are made by different mine managers of the extent of the fall, varying to the amount, in some cases, of 1%. It is easier to understand why in the present circumstances of the smelting business, as compared with those of former times, there should be this want of cohesiveness among the smelting firms, than it is to satisfy the general public that there was any necessity for the second drop at all. The facts that the stocks are not large, and that tin-plates keep up well, by no means assist in the solution of the mystery. One result has been that some of the largest Cornish tin-producers have determined to follow the course adopted with such excellent results when things were at their worst, by Capt. Boyns, and "stock" rather than sell.

For some months past the nine-hours movement has been gaining

producers have determined to follow the course adopted with such excellent results when things were at their worst, by Capt. Boyns, and "siock" rather than sell.

For some months past the nine-hours movement has been gaining ground in Cornwall. Several comparatively small employers of labour conceded the wishes, rather than the demands, of their men without difficulty. Now the movement has been extended to the largest concerns in the county—those of Messrs. Harvey, of Hayle, and of Sir F. M. Williams and Co., at the Perran Foundry. At the latter establishment matters were arranged in the most amicable manner, and with a manifestation of the best possible spirit between employer and employed. The men quietly made known their wishes through the foremen of the different departments, and last Monday Sir F. M. Williams, M., who is the managing partner of this extensive establishment, announced to the men that the nine-hours system had been conceded, and would commence on Feb. 1, and thanked them for the manner in which the matter had been approached by them. That the men fully appreciate the act of the firm, and thoroughly reciprocate this kindly feeling, was made abundantly manifest in the evening of the same day, when the hands assembled in the pattern-shop, and determined to present Sir Frederick with a piece of plate, further-evincing their thorough loyalty by singing the National Authem. There is to be a demonstration in honour of the event on the first Saturday in the coming month.

At Hayle the adoption of the system was preceded by some rather serious complications, the effects of which have happily been averted. The men in Messrs, Harvey's employ held a meeting on the 10th, and decided to memorialise the firm on the subject through a deputation. The next morning the delegates, before di-charging that function, received notice to quit. This delicates is the subscention of work. In the factory, the shipbuilding and the boiler yards, one after another the mon dropped their tools, and assemble di in the public

termination to what might have been a very lamentable business is the more satisfactory, inasmuch as there was never really any ground for disagreement. The firm had for some time decided to make an abatement in the hours of labour, and the men respected their employers too highly to desire to act towards them in any other than a respectful spirit. Moreover, there is another gain in the understanding that in future all matters that require dismoster shall be brought before the firm, as on this occasion, by four delegates from each department.

from each department.

There are, per contra, rumours of an uncomfortable feeling at wheal Baset, and the men there are said to be so discontented with some points in the local management of the mine as to be inclined for a general turn-out. Nothing but a radical change in the administration of the mine will satisfy them.

The mines have been labouring under considerable difficulties of late, in consequence of the untoward influence of the weather. The heavy rains have increased the water, and the contrary winds have so far delayed the arrival of colliers that coals have been not only very dear but very scarce. However, some fresh supplies have come in, so that matters are mending, although the rains do not seem inclined to cease.

#### TRADE OF THE TYNE AND WEAR.

-The Coal and Coke Trades continue extremely active, the demand indeed, both for house consumption and for sea-borne coal, is altogether unprecedented, and prices are still on the increase, the demand indeed, both for house consumption and for sea-borne coal, is altogether unprecedented, and prices are still on the increase. Coal is rather scarce, owing to the late holidays, and the pits are not all in full work, while the home demand being at present so heavy foreign shipments are comparatively trifling. The turns are very long, few being under a month. The iron-workers are all basily employed, a prospect which bids fair to continue in both ironworks and shipyards.

#### REPORT FROM SCOTLAND.

Jan. 17.—The warrant market, which was strong at 75s. during the middle of last week, receded again, and after some fluctuations closed on Friday at 73s. 6d. On Monday and yesterday a good business was done from 74s. to 73s. 6d. To-day the market opened about 74s. cash, but receded at 73s. 9d., at which it closed sellers, buyers offering 73s. 74d. In makers fron there is little change to quote, but the demand is still good, and the tendency of prices upwards. The leading makers of bar-iron have advanced their prices 20s. per ton, and they report that the demand still continues good:

Gartsherrie at Glasgow (deliverable alongside)... 90s. 0d.... 78s. 6d. Coltness ditto ditto 90 0.... 78s. 6d.

| Gartsherrie at Glasgow (deliverable alongside), | 90a, 0d. | 78a, 0d. | 78a

leable iron have been advancing their prices during the last few days leable iron have been advancing their prices during the last few days with but few exceptions, and some makers are now quoting their best bars at 11½ 10s.; common, 10½ 15s. to 11½; nail-rods, 10½ to 11½; and other descriptions are being quoted 10s. to 20s. advance. The rise is not yet quite general, some makers feeling their way, but present tendency is to an advance of 20s. all round. Makers are very busy, and tenders for angle and bar iron are required by the Admirality; for lamp-posts, by the Local Board of West Derby; for water-pipes, &c., by the Local Authority of the Burgh of Stewarton; for a gas condenser and 3500 tons pipes, by the Corporation of Glasgow; and for an iron steamer, for the service of the Wallasey Ferries, upon the Mersey.

The demand for all kinds of Coal continues at present high prices especially for manufacturing purposes, and we are experiencing a

The demand for all kinds of Coal continues at present high prices, especially for manufacturing purposes, and we are experiencing a scarcity of the article. Dross, triping, and any kind of fuel capable of raising steam at a cheap rate finds a ready market, at prices far in advance of former years. During the week the shipments amounted to 23,702 tons, against 13,591 tons in the corresponding week of 1871. At the meeting of the Paisley Philosophical Society Mr. Renshr w read a very able and comprehensive paper "On Coal, and our Coal Supplies." After tracing the forms in which we meet with coal in succeeding geological epochs, he proceeded to show that, notwithstanding the great difference which exists between the carboniferous flora and the plant life of the present day, the physical forces of the period were very similar to those of the present time. He then pointed out the way in which the use of coal had identified itself with the growth of civilisation and the development of our manufactures, and showed, from the extinction of the iron trade in Sussex, the failure which would result from scartly of fuel. Proceeding to the consideration of the report of the Coal Commission in its various details, and the economy which might be effected by judicious legislation, he concluded by remarking that, however beneficial the results may be which legislation will produce, he shall look most confidently to the effect which will arise from the advancing prices; for, as labour becomes dearer, and the greater expense of sinking deeper shafts is incurred, the mere cost of production, exclusion from the development of sinking deeper shafts is incurred, the mere cost of production, exclusion from the advancing prices; for, as labour becomes dearer, and the greater expense of sinking deeper shafts is incurred, the mere cost of production, exclusion will powerfully tend to arrest waste, both in production and consumption. A brief discussion followed, in which Mr. Fuilerton, Mr. Thomas Coats, Mr. Fraser, and Sheriff Cowan took pa

#### REPORT FROM LANCASHIRE AND CHESHIRE.

REPORT FROM LANCASHIRE AND CHESHIRE.

Jan. 18.—The Coal Trade, I hear, is taking independent action with regard to the amalgamation of the London and North-Western and Lancashire and Yorkshire Railway Companies, and the matter has been discussed at recent meetings of the district associations. What course will be taken has not yet transpired, but the coalowners will be able to bring very strong opposition to bear if their terms are not compiled with, and no doubt the companies will take into consideration the result of the contest that took place when the London and North-Western Company commenced the amalgamation of the sections into which their system was at one time divided. Mr. Lancaster, M.P., formerly Ohairman of the Wigan Coal and Iron Company, said, at a meeting held a short time ago, that he attributed the place between them, but to the determined opposition of the coal trade at the place between them, but to the determined opposition of the coal trade at twe place between them, but to the determined opposition of the coal trade at twe place between them, but to the determined opposition of the coal trade at the present passed by Parliament, and they became a sort of standard for other companies; but a few fears ago the Lancashire and North-Western Company were agreed upon. These were at the time considered the lowest rates that had been passed by Parliament, and they became a sort of standard for other companies; but a few fears ago the Lancashire and Yorkshire Company, being he a poor floaucial state, obtained a higher maximum tariff. This was resisted, and to some degree with success, by the coal trade; but in every other respect the Lancashire and Yorkshire rates are higher than those of the London and North-Western. Concerning the petition of the Liverpool Corporation, to which reference has already be u made in your solumns, a reply has been received from Mr. Gladstone, in which he states that he "agrees in the views of the Mayor and Town Council as to the magnitude of the question, and will not

There is nothing special to report as to the state of trade. Com. plaints are still received as to the short supply of material, especially coal and code. There is an abundance of orders in every department, and very high prices continue to rule.

#### INSURANCE OF MINES AND MINERS' LIVES.

It is to be regretted that the efforts made towards the close of the

It is to be regretted that the efforts made towards the close of the past year to establish a company for the insurance of collieries against loss by accidents, as well as of the lives of those employed in them, were not successful, and that, for the present at least, the scheme is in abeyance. We know that in most of our great mining centres the proposal by which the heavy losses colliery proprietors auffer from explosions, as well as from other causes, could be insured against was looked upon most favourably, and had the company been established a large and profitable business would have been secured. It is a well known fact that many men of considerable capital have been secured. It is a well known fact that many men of considerable capital have been secured. It is a well known fact that many men of considerable capital have been secured. It is a well known fact that many men of considerable capital have been secured. It is a well known fact that many men of considerable capital have been secured. It is a well known fact that many men of considerable capital have been secured. It is a well known fact that many men of considerable capital have been secured. It is a well as from flooding, are of frequent occurrence, therefore, that in the leading mining districts on the Midland coal field, as well as I to the North of England, Lancashler, and South Wales, serious accidents from accumulations of gas, as well as from flooding, are of frequent occurrence, any well-digested scheme of assurance against losses by such causes would have been halled as a boon by colliery proprictors, and bave been well supported. The loss of life also from explosions is at times most appailing, and great difficulty is too often experienced in obtaining for the wires and families of those life also from experienced in obtaining for the wires and families of those life and the control of the appropriate of the second of the control o

VAN CONSOLS.—A great improvement is reported by Capt. James Roach to have taken place at this mine. He writes that in the bottom of the level, west of Little's shaft, during Wednesday night and Thursday morning, they have been raising magnificent specimens of lead ore, some of which he can send such as no mine in the Principality can surpass. The operations in the eastern portion of the pro-perty are now reaching a most interesting state, and the high opinion entertained of this part of the mine appears to be fully justified.

The directors of the Deerpark Mining Company have received the slowing intelligence from their agent at the mine.—Jan. 17: "I have this day da a sample from the lock in the deep add; level assayed, and it yields as follows \$ gwis, 1 qr. 9 lb, of tin to the ron of stuff. The tin is of a superior quality."

#### REPUBLIC OF BOLIVIA.

#### SIX PER CENT. GOVERNMENT LOAN OF £1,700,000

NOMINAL CAPITAL, IN BONDS OF £100 AND £500. uthorised by the Act of Cougress, and approved by the President of the Re-public, Augu-t 28, 1871, redeemable at par, by means of an Accumulative Sluking Fand of 2 per cent. per annum. Principal and interest payable in London, free from Bolivian taxation.

M ESSRS. LUMB, WANKLYN AND CO., 10, ANGEL COURT,
Throgmorton Street, are duly authorised to receive subscriptions for the
above loan at the price of 68 per cent., payable as follows:—

on allotment.
on the 23d February.
on the 23d March.
on the 23d May.
on the 21th June, less balf-year's coupon
deducting income tax.
on the 23d July.

11

£68
Interest will date from the 1st of January, 1872. The instalments may be nticipated every Tuesday, under discount at the rate of 5 per cent. per annum. teckoning accrued interest and rebate for prepayment the price is reduced to

Reckoning accrued interest and report for prepayment and prices of the 66% per cent.

The bonds will be for £100 and £500 each, bearing interest at the rate of 6 per cent, per annum. represented by coupons attached, payable half-yearly on the lat July and let January, at the counting-house of Messrs. Lumb, Wanklyn, and Co., until redeemed at par.

An accumulative sinking fund of 2 per cent, on the entire nominal amount will be applied by yearly drawings by lot on the lat October, so as to redeem the whole loan in 25 years. The first drawing will take place on lat October, 1873. The bonds drawn will be payable on the lat Junuary next succeeding each drawing.

will be applied by yearly drawings by lot on the 1st October, 1873. The bonds drawn will be payable on the 1st January next succeeding each drawing.

The bonds will be signed by the special agent appointed by the Congress of The bonds will be signed by the special agent appointed by the Congress of The bonds will be signed by the special agent appointed by the Congress of Britain, General Narciso Campero, is commissioned to countersign them.

The general bond will be deposited in the Bank of England, and will include an engagement on the part of the Government that no Bolivian tax shall be leyled on the bonds or their holders under any circumstances whatever.

The principal object of the loan is to subsidies the National Bolivian Navigation Company, formed under concession from Bolivia, for the purpose of opening communication between the Republic and the Atlantic Ocean. Its natural outlet, via the River Amazon, will thereby be secured to Bolivia, a country containing upwards of 2,500,000 lababitants, of great certifity and vast mineral wealth, but hitherto, by its geographical position, practically shut out from the world's commerce.

In view of the international importance of the operations of that company, the Congress of the United States of America has granted to it a charter, and its board is composed of gentlemen of the highest standing in the United States. The new route will be established by means of steamers, and a railway about 1/0 miles in length around the rapids of the River Madeira, for which the Imperial Razilian Government has granted a concession for 50 years to the Madeira and Marmore Railway Company, of which the Navigation Company is practically the exclusive proprietor.

The Public Works Construction Company (Limited), who have had the line examined, have entered into a contract for the construction of the railway, and the same is to be completed and equipped within two years.

It is calculated that the effect of the new route will be to reduce the distance of the trade centres of B-livia

not exceeding £300,000 nominal, in bonds similar to the present teste, which the same guarantees.

The accompany statement of the Government special agent calculates the custom dues at a minimum of £363,200, and the net income from the navigation and railway at £93,000, giving a total of £355,200. The amount required for luterest and sinking fund on the present loan is £ 36,000.

If no allotment is made the deposit will be returned in full, and in cases where asmaller allotment than the application is made, the surplus will be applied towards the first instalment.

In default of payment of the sum due on allotment, or any of the subsequent instalments, the allotment and all payments made will be subject to forfeiture.

Upon payment of the deposit on allotment, serip certificates to bearer will be assued, which will be exchanged for definitive bonds as soon as ready after forfeiture.

fetture.

Upon payment of the deposit on allotment scrip certificates to bearer will be send, which will be exchanged for definitive bonds as soon as ready after the

issued, which will be exchanged for definitive bodies as soon as ready and the issue price is paid up.

Copies of the official documents and contracts may be inspected by any intending subscribers at the offices of Messrs. Baxter, Rose, Norton, and Co., 6, Victoria-street, Westminster.

Application must be made on the accompanying form, and forwarded, together with a deposit of 5 per cent, on the sum applied for, to Messrs. Lumb, Wanklyn, and Co., No. 10, Angel court; or Messrs. Barnett, Hoares, and Co., No. 61, Lombard-afreet, where prospectuses and forms of application may be obtained.

January 18, 1872.

FORM OF APPLICATION

MEMORANDUM FURNISHED BY THE GOVERNMENT COMMISSIONER

MEMORANDUM FURNISHED BY THE GOVERNMENT COMMISSIONER. POPULATION.—The population of Bolivia in 1825, the date of independence was officially estimated at 278,292. The Government censes of 1856 gave it at 1,566,128 of white and mixed races. The approximate total present population is 7,750,600. About one million of these are descendants of the Spanlards, and nearly the entire of the remainder belongs to the Inca races, beyond question the most industrious section of all the indigenous races of the Western Continent. GEOGRAPHICAL POSITION.—Bolivia, formerry Alto Feru, has been sluce her independence, almost completely closed to foreign commorce. By extraordinary efforts she forces a mule-back trade with the Pacific Coast. Every ton of exports or imports in its transit of the Andes reaches an elevation higher than Mont Blanc. The treaty entered into between the Bolivian and the imperial Brazilian Governments in 1888 secures to Bolivia her natural outlet, and makes available her 3000 miles of navigable rivers penetrating her commercial centres, and all concentrating at the rapids of the River Madeira, the principal affluent of the River Amazon, in Brazilian territory. These rapids lie between the Atlantic and 400,000 square miles of well-populated country, famed for vast agricultural, pastoral, and mineral wealth, and offering an univalled field to the emigrant.

PRESENT TRADE.—The internal commerce of Bolivia is approximated.

emigrant.

Present Trade.— The internal commerce of Bolivia is approximately \$\(\text{cl.5}\)\(\text{0.00}\)\(\text{0.00}\)\(\text{por annum.}\) The foreign commerce is as follows:—

France
Germany
The United States
Argentine Republic
Peru
Brasil Vicuua and Alpaca Wool..

Total imports ...... £1,283,000

All this trade is done by pack-muies, ilamas, and asses. The average cost of transport from Europe, ria Cape Horn and the Andes to the centres of commerce in Bolivia, is £55 per ton, with a loss of from five to twelve months time. The list of exports shows that none but products of great value, and lying near the Pacific Coast, can afford this enormous cost of reaching a market.

PROSPECTS OF TRADE.—With the improvements for the opening of direct and easy communication, to which the procent loan is to be applied, the freights to and from the trade centres and Europe will be reduced to about £15 in money, and to about 30 days in time, and the country placed commercially as near to Europe as is the Argentine Republic. The chief products which will then be within easy reach of the Atlantic Ocean are:—Peruvian bark, hides, horns, tallow, India-rubber, tobacco, vanilla, sarsaparilla, saffon, balsams, rhubarb, gentian, jalap, aloes, valerian, jeceacuanbs, indigo, gams, cabinet woods, sugar, coffee (the richest in the world), cocoa, alpaca, liams and sheep's wood; ootton, furs, besides an exhaustible supply of gold, silver, copper, tin, and other ores. In former times the mines of Bolivia gave to Spain the regestered sum of over four hundred millions of pounds sterling. They promise no less remarkable resisting means of transport. The only piece of modern machinery Bolivia has been able to import up to this date is a little steam-orgine, placed last year in the Mint of Potosi.

STATISTICS.—The averave imports of all Spanish American States are very approximately £2 per head; Bolivia, by her present inaccessible route, can only import 10s, per inhabitant. The only Spanish American country to which Bolivia can be properly compared is the Argentine Republic. It is to the Amagon Yalley what the latter is to La Plata Yalley; her internal wealth is

undoubtedly greater, whilst her population exceeds by one-third that of use Argentine Republic. With the natural outlet which the present loan will accure it is, therefore, unquestionable that at no distant date the trade of Bolin will equal that of the Argentine Republic, which is now £11 13s. per head population. At this rate the counter the interior of the Amazon Valiey has a thressed a commerce of £31.00, for the Amazon route at this rate Bolivia, when made a commerce of £31.00, per head, and even at this rate Bolivia, when made a commerce of £31.00 per head, and even at this rate Bolivia, when made a commerce of £31.00 per head, and even at this rate Bolivia, when made a commerce of £31.00 per head, and even at this rate Bolivia, when made a commerce of £31.00 per head, and even at this rate Bolivia, when made a commerce of £31.00 per head, and even at this rate Bolivia, when made a commerce of £31.00 per head. A careful statement, based on the mix mum trade which is certain to accrue to the new route after its opening, show that the securities epecially hypothecated for the present ioan will exceed £356, 200, of which serviced annually for the service of the loan is £3.60 will be derived from Customs dues and £33,00 fms transport. The amount required annually for the service of the loan is £3.60 and the securities of 1871 is estimated at £3.31,338 gold against an expect uire of \$3,153.457. The internal debt, according to the report of the Finans Minister, in 1870 amounted to £348,994. The only external debt is a small load of £200,000 in 8 per cent. bonds, held in chill at above par.

Financial and the produced the securities of the country. Important public works in the interior are being actively prescuted, and others contracted for. No less than 14 applications have bee lately sent in for the railway from Mejlilones to Caracoles, whilst cart-roads a liready under construction to connect the different cities with the river, laa ticipation of the opening of the Amazon route. The enormous products of the

CORRESPONDENCE.

6. Victoria-street, Westminster Abbey, S.W., May 10, 1871.

DEAR SIR,—Negociations have been opened with the Public Works Construction Company (Limited), with which we are connected, for the construction of a railway in Brazil, round the Rapids of the River Maddera, the object being to pen a direct route to Bolivia by the River Amazon.

From your indimate acquaintance with Brazil, and long experience in such properties of the properties of such plane, which is represented to us as one of almost unequalled importance in the South American continent.

n, which is represented to us as one or almost date and the state of the continent.

To should esteem it a great favour if you will oblige us with your views at rearly convenience.

BAXTER, ROSE, NORTON, and CO.

Excellency George Buckley Mathew, C.B., Her Britainic Majesty's Ministr to the Court of Brazil, at present in London.

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His Excellency George Buckley Mathew, C.B., Her Britaillic and possibly a ministre to the Court of Brazil, at present in London.

May 13, 1871.—Dear Sirs: My acquaintance with you renders me naturally desirous of giving you any information in my power upon matters in which your interests are concerned, but I can merely give a personal opinion on the merits of the enterprise to which your letter of the 10th inst. refers, and you must take it for quantum valeat.

At the request of my valued friend and colleague, the Minister of the United States in Brazil, I took some trouble in making myself acquainted with the nature of Colonel Church's plans, and with the grounds upon which his expectations were founded, and the result of my investigation and enquiries impresed me in a high degree with the practicability of the undertaking, and with its very great importance to British and other commercial interests. I did not hesitate to express unofficially the opinion I had formed to M. de Coteglpe, the able Minister for Foreign Affairs in Brazil, and I learnt with much pleasure that Colonel Church had obtained the concession he had sought for from the Government of that country.

I apprehend that it is pretty generally known that the richest and most healthy regions of South America, the interior districts of Bolivia, and of Upper Pennathons of South America, the interior districts of Bolivia, and of Upper Pennathons of South America, the interior districts of Bolivia, and of Upper Pennathons of South America, the interior districts of Bolivia, and of the open mous cost of transit by mules.

These obstacles have not only limited the exports to precious metals and the imports to strict necessaries, but have had a serious effect upon cultivation and produce, and I am under that persuasion that Col. Church's underlying will result in an increase on all these several points, which will exceed all expectitudes.

tation.

I cannot, however, do better than refer you to an able report which I recolled reading at the moment in the Anglo-Brazilian Times (and to which I have no doubt that you can obtain access), from the pen of Schhor Coultino.

That gentleman was employed by the Brazilian Government upon the exploration of the Amazon's River, in connection with Prof. Agassiz, and every reliance can be placed upon his statements.

Messrs. Baxter, Rose, and Norton.

GEORGE BUCKLEY MATHEW.

#### SPANISH HEMATITE IRON COMPANY (LIMITED)

Capital, £150,000, in 15,000 shares of £10 each.

Capital, £100,000, in 10,000 shares of £10 cauth.

First issue of 7500 shares, or £75,000 capital, of which 3000 shares have been already subscribed.

Payment on application, £2 liper share; on allotment, £2.

Further calls will be made as and when required, not exceeding £2 per share. It is expected that not more than £710s, per share will be called, but subscriber will have the option of paying up the entire amount within three months after date of allotment, and of receiving full dividends thereon.

DIRECTORS.

JAMES ALEXANDER, Esq. (Messrs. Redfern, Alexander, and Co.), 3, Great THOMAS BINGHAM, Esq., Director of Earle's Shipbuilding and Engl-

THOMAS BINGHAM, Req., Different of Bandon of Park, neering Company.

Major-General G. BURN, 74, Porchester-terrace, Hyde Park,

M. J. POWER, Esq., 26, Stafford-terrace, Phillinore-gardens,
PHILIP VANDERBYLL, Esq. (Messer, Vanderbyl, Fennelly, and Co.),
122, Cannon-street, E.C.

BANKERS IN ENGLAND.

The UNION BANK OF LONDON, Princes-street, E.C.
The MANCHESTER AND COUNTY BANK, Manchester,

NATIONAL BANKERS IN SCOTLAND, and its Branches,
NATIONAL BANK OF SCOTLAND, and its Branches,
SOLICITORS—Messrs, TAHOURDIN, I, Victoria-street, Westminster,
AUDITORS—Messrs, CHADWICKS, ADAMSON, COLLIER, and CO. OFFICES .- 122, CANNON STREET, LONDON.

OFFICES.—122, CANNON STREET, LONDON.

PROSPECTUS.

It is a fact well known to all interested in the iron trade of this country that the supply of rich iron ores in Great Britain, fit for steel-making purposes, is far short of the demand, and that this demand is steadily increasing. The result is that English hematites have risen more than 50 per cent, in value during the past few years, and, even at the price of 30s, per ton and upwards, all such ore coming to market are eagerly bought up.

For many years the Spanish hematite and spathle ores have been favourably known in this country, but until recently they have not been so prominently before the trade. The great want of a home supply has directed special attention to them, and ironumasters are daily becoming more alive to the necessity of seeking supplies from the Spanish mines. They are now most eager to find parties who will enter into contracts with them for the delivery of Spanish ores in large quantities at current rates—say 20s, to 22s, per ton.

The Spanish Hematite Iron Company has been formed for the purpose of acquiring and working the San Miguel fron Mines, situated in the province of Gulpuscoa, on the north coast of Spain, six mines from the town of Irun, and for other cognate purposes set forth in the registered Memorandum of Association. The property comprises 114 pertucencias, or nearly 30g English acres, containing at vantages of carriage and shipment. It consists of mountain land on the western bank of the River Vidasoa, and abuts on an excellent high road, which lead tirectly down to the railway stations at frun and Hendaye.

The concession is held in perpetuity from the Spanish Government, and is of the fullest description.

The iron ore exists on the San Miguel property in practically unlimited quantity, consisting principally of brown hematite and white spathose, which are in great demand for making Bessemer steel and mixing with British ores. These are found cropping out in large masses at various points, and, judging from openings made

openings made at about 40 places all over the property, the whole mountain appears to be intersected by lodes, the overlying surface being rarely more than 18 inches deep.

The position of the concession, and its proximity to the seaboard, the facilities of carriage, the choice of three places of shipment (Passages, San Sebastian, and Bayonne), and the increasing demand for this class of ore, all combine to render this property a most valuable one of the kind.

Specimens of the ores, forming the great bulk of the deposit, have been antilysed by Dr. Percy, F.R.S., Lecturer on Metallity at the Koyai School of Mins, London, whose report is annexed. The brown hematite contains 54-60 per centmetallic iron, a mere trace of sulphur, and no phosphoric acid. The white spathic ore contains 39-67 per cent. metallic iron, and 5-93 per cent. of manganese, an ingredient which renders it most valuable for steel making purposes, and it is practically free from sulphur and phosphoric acid.

Arrangements are made for the construction of a tramway from the works to a point on the river, about three miles lower down, whence the ore can be conveyed to the railway station at Hendaye, a further distance of about three miles, at a small cost by barges. The cost of the tramway, with a sufficient number of trucks, barges, two steam-tugs, and other plant, capable of conveying (say) 1000 tons per day to the railway station at Hendaye, is estimated not to exceed £25,000; but negociations are in progress for constructing a railway from the mines to the main line between Irun and Hendaye, which will considerably reduce the cost of carriage, and at the same time greatly facilitate the transit of the case and in fall operation in the source of the Korth of Spain, and can be not conveying the produce to the railway stations, it is estimated that the oreas conveyed to the railway at a flenday at an additional is, per ton, making the brobace to the railway at an additional is, per ton, and the conveying the produce to the railway at an additional

us enabled to charter vessels regularly to a large extent—it is expected reight will be obtained at a more moderate rate. pting the higest freight, the ore should be delivered at an English port at receding 15s. 6d. per ton. inclusive of royalty, while there is a practically ited demand in England for ores of this description, at a minimum of 20s. per ton, with prespects of still higher rates.

sming that on the completion of the works 300 tonsor upwards are shipped a profit of about 4s. 6d. per ton. after defraying all costs and royalty, may fidently looked for, and allowing (say) 230 working days in a year, a net is profit of about £19.00 would be realised; but it is fully expected that tily production will eventually largely exceed this rate, and the profits be pondingly increased.

profic of about £19,000 would be realised; but it is fully expected that thy production will eventually largely exceed this rate, and the profits be pondingly increased.

property has been inspected by Mr. Wm. Armstrong, jun., of Durham, by Foster Lloyd, of Birmingham, and by Mr. Henry Bauermann, of the Royal of Mines, London, all whose reports may be seen at the company's offices, also been inspected by two of the directors, and by Mr. J. O. Chadwicks, also been inspected by two of the directors, and by Mr. J. O. Chadwicks, in the sum of Messrs. Chadwicks, Adamson, Cellier, and Co. (who have all sathemestres of the accuracy of the statements contained in this prospectus.) purchase consideration is the sum of £10,000 in cash, and a royalty of to non the production, and in addition the vendor to receive one-third excess of net profits over 15 per cent. to the shareholders. contract for the purchase of the property, dated Jan. 8, 1872, is made be. Richard Fonnelly and the Spanish Hematite Iron Company (Limited), as be inspected, together with the Memorandum and Articles of Association, Collier and Co., 63, Moorgate-street, London, and 64, Cross-street, Manr; or of the solicitors, 1, Victoria-street, Westminster. Health of the shareholders are shellotted than are applied for the balance of the deposit of shares may be made on the usual form. In all cases where no sent is made the deposit will be returned without deduction. If a smaller of shares he allotted than are applied for the balance of the deposit of plants. REPORT OF DR. PERCY, F.R.S.

#### REPORT OF DR. PERCY, F.R.S.

PANISH HEMATITE IRON COMPANY (LIMITED).
Notice is hereby given that the SUBSCRIPTION LISTS for the SHARFS in the above will be CLOSED on TUESDAY, the 23rd instant, for LONDON, and on WEDNESDAY, the 24th instant, for COUNTRY applications.

By order, JOHN WALTER, Secretary.

193, Cannon-street, London, E.C., 19th January, 1872.

MESSRS. CHADWICKS, ADAMSON, COLLIER, AND CO. INVITE SUBSCRIPTIONS TO

NO DAND MOGREGOR (LIMITED).

Capital £350,000, in 35,000 Shares of £10 each,

Capital £300,000, in 30,000 Shares of £10 each,
Of which 33,000 shares are offered for subscription.
Of the remaining 12,000 shares 5000 have been taken by the vender, and 7000
have been taken by the directors.

The intended to make a second call of £1, payable in June, 1872, and a third
call of £1 in December, 1872.

Further calls, if required, will not exceed £1 per share, and at intervals
of not less than three months.

Bhareholders may stipulate in their applications for the payment in full of the
shares or calls in advance, and receive interest at 5 per cent. on the
amount so paid in advance of calls.

DIRECTORS.

DIRECTORS.

The Right Honourable the Earl of AIRLIE, K.T., Airlie Lodge, Kensington, W.

TOD, Esq., Partick, Glasgow - DEPUTY-CHAIRMAN AND MANAGING

Disturber.

JAHES MORTON. Esq. (Greenock from Company), Greenock.

THOMAS THOMSON. Esq., Royal Exchange-buildings, Glasgow.

WALTER MCLRILAN. Rsq. (Messrs. P. and W. McLellan), Glasgow.

GEORGE W. JAFFIKY, Esq., Partick, Glasgow.

WALTER BERRY, Esq. (Messrs. Berry, Barclay, and Co.), Leith and Glasgow.

TORS-MONCRIEFF, PATERSON, FORBES, AND BARR, 45, West George-street, Glasgow. BROKERS. AULD AND GUILD, 65, St. Vincent-street, Glasgow.

CHADWICKS, ADAMSON, COLLIER, AND CO., London and Manchester.
BANKERS.
THE BANK OF SCOTLAND. Edinburgh and London.
MANCHESTER AND SALFORD BANK, Manchester.
THE BANK OF LIVERPOOL, Liverpool.
CITY OF GLASGOW BANK, Glasgow and country branches.

PROSPECTUS.

s company has been formed for the purpose of acquiring the extensive and known graving dock. patent slip, shipbuilding yard, and eugineering works ears. Tod and McGregor, of Glasgow, and the business connected there, and for working and extending the same.

o imperative demand for further dry dock accommodation on the Clyde, the weighty character of the business, are the reasons which have induced bayld Tod, the sole surviving partner, to give instructions to effect this sier.

er, intended to construct one or more additional graving docks on the comsown land, and thus supply a want of most urgent character on the Clyde,
s provision of which an influential petition has just been presented to the
of the Clyde Navigation, and at the same time this addition will furerve to sustain the high reputation and leading position of the firm in
a and re-fitting. The existing dry dock is 200 feet long and 36 feet wide
gates, and a new one, which will be at once commenced, will be at least
t longer.

ther serve to sustain the high reputation and leading position of the firm in repairs and re-fitting. The existing dry dock is 500 feet long and 56 feet wide at the gates, and a new one, which will be at once commenced, will be at least 50 feet longer.

The patent hydraulic slip can accommodate vessels of 1200 tons, and in continuity are a basin, extensive wharves, steam crane, and every requisite appliance for the fitting and repair of vessels, with mooring ground to a large extent. The engine-works are of adequate extent, and have provided engines for vessels of every class, besides turning out work of a more general character.

The docks and shipbuilding yard are most favourably situated at the confineous of the Clyde and Kelvin, the termination of the harbour of Glasgow, and their extension can be effected without incurring extraordinary cost. The land extends to 95.773 equare yards, or nearly 20 imperial acres, and has a most valuable frontage of 600 yards.

The business has been carried on for upwards of 55 years with unvarying ancaes. This firm built the first occan-going fron steamers, and has always maintained a high reputation as engineers and iron shipbuilders.

At the present time they are completing for the Inman Company the largest meritain at steamer ever built in this country, except the Great Eastern. They have built and equipped with engines the greatest part of the magnificent Inman fleet of Atlantic steamers, as well as some of the vessels of the Peninsular and Oriental Steam Navigation Company, and of the Cunard line.

The position of the graving dock and ship yard is specially advantageous, as by act of Parliament vessels using them, and lying at the contiguous wharves of the company, are exempt from harbour dues.

The Stohocras branch of the North British Rallway is now in course of contraction along one side of the works, and the right is secured to the new company to occupy the new arches as workshops or stores without rent, and to construct a siding into the works.

The profits realise

Mr. Tod will continue his connection with the company as managing director, and Mr. Jafrey, who has, under Mr. Tod, been the general manager of the works, will also continue in this capacity, and have a scat at the board. No intermediate profit, goodwill, or promotion-money will be paid to any person in connection with the undertaking; and the total charge to the company in respect of its establishment, including brokerage and agency, will be limited to 1 per cent. on the capital, and the legal, printing, and other strictly necessary expenses.

ary a peace.

The contract for purchase is dated 18th January, 1872, and is made between
Note contract for purchase is dated 18th January, 1872, and is made between
Bavid Tod of the first part, and Ebenezer Adamson of the second part.
This contract may be inspected at the offices of the solicitors, Messrs. Monerieff, Patterson, Forbes, and Barr, or Messrs. Chadwicks, Adamson, Coiller,
and Co., 68, Moorgate-street, London, and 64, Cross-street, Manchester, of whom
as well as of the brokers, prospectuses and forms of application may be obtained

DEERPARK MINING COMPANY (LIMITED).

R. SAMUEL YORK, of WOLVERHAMPTON, begs to give official notification that be has RETIRED, under yesterday's date, from the DIRECTION of the DEERPARK MINING COMPANY (LIMITED). Wolverhampton, January 16, 1872.

In the Court of the Vice-Warden of the Stannaries.

Stannaries of Cornwall.

In the MATTER of the COMPANIES ACT, 1862, and of the REPRRY MINING COMPANY.—ALL CREDITORS or CLAIMANTS of the above-named company, who have not received notice from the Registrar of the ante Court that their claims have been aircady admitted, are hereby required TO COME IN and PROVE their several DEBTS or CLAIMS at the Registrar's Office, Truro, on Monday, the 29th day of January instant, at Rieven o'clock in the foremoon, or in default thereof they will be EXCLUDED from the BENEFIT of any DISTRIBUTION made before such proof. And for the purpose of such proof they are either to attend in person, or by their solicitors or competent agents, or (unless such attendance be required by the Registrar's summons) they are to send affidavits of their several debts or claims to the Registrar of the Court at Truro, such affidavits being sworn either before some Commissioner of the said Court, or before any Commissioner of one of the Superior Courts, lawfully authorised to take and receive affidavits and affirmations.

FREDERICK MARSHALL, Registrar.

Dated Truro, the 18th day of January, 1872.

#### LINDRIDGE HOUSE, LEICESTERSHIRE.

VALUABLE FREEHOLD RESIDENTIAL ESTATE OF UPWARDS OF THREE HUNDRED ACRES, WITH MANSION.

THREE HUNDRED AURES, WITH MANSION.

MESSRS, WARNER, SHEPPARD, AND WADE are favoured with instructions to SELL, BY AUCTION, at the Bell Hotel, Leicester, on Wednesday, January 24, 1872, at Two 'clock in the afternoon, all that very valuable FREEHOLD RESIDENTIAL ESTATE, consisting of upwards of THREE HUNDRED ACRES of ARABLE and PASTURE LAND, together with the substantially modern-built FAMILY MANSION, known as "LINDRIDGE HOUSE,"

"LINDRIDGE HOUSE,"
The house, which is approached by an entrance lodge through the park, contains four reception rooms and billiard room (which, with the outer and inner lanthern halls are heated by hot water), servants' hall, housekeeper's room, butler's pantry, laundry, nineteen bed-rooms, (including servants' rooms, bath-room, lavatory, fire water-closets, and good offices, and cellerage. Gas-works at the farm supply the house and stabling, where are standings for eight horses; large coach-house, saddle-room, piggeries, cow and fowl-house, &c. The flower and kitchen gardens and shrabberies contain 3 acres, with gardener's house adjoining.

large coach-house, saddle-room, piggeries, cow and rowi-nouse, ec. The nower and kitchen gardens and shrubberies contain 3 acres, with gardener's house adjoining.

The farm-yards and buildings are one quarter of a mile distant, of recent erection, and are covered in on the modern principle.

The tenants' house adjoining has three sitting and six bed-rooms, besides the usual offices for a dairy farm. There is good shooting on the estate, and good trout fishing in the stream which raus throught it: 15000 additional acres of shooting might probably be rented, which are strictly preserved. There is also a hind's house and barn adjoining, and two other cottages.

The estate is supposed to contain valuable beds of coal. The following is an extract from the report of Mr. J. T. Woodhouse, of Derby, Mining Engineer:—'As coal has been found and is worked both at Bagworth and Nalistone, and lying pretty evenly, there is every reason to suppose that it extends under your property.'' The estate adjoins two turnpike roads, is 8% miles from Leleester, 1 from Desford, and 1½ mile from Desford Station, and 6 miles from the Narborough and Elmsthorpe Station. The meets of the Atherstone and Quorn hounds are within easy reach.

Further particulars may be obtained, and plans of the estate may be seen, on application to Mr. JOHN HANNAM, 3, King-street, York: to the Auctioneers, Leleester; or to Messrs, Barber and Currey, Solictors, Derby,

# IMPORTANT SALE OF FIR. ASH, ELM, AND BEECH POLES, AND FAGGOT WOOD.

THE CULVER ESTATE, four and a half miles from EXETER, on the Dunsford Turnpike Road.

MR. J. BASTOW is favoured with instructions TO SELL, BY M. J. BASTOW is favoured with instructions TO SELL, BY AUCTION, on Wednesday, the 24th January instant, several thousand prime FIR, ASH, ELM, and BEKCH POLES, and about 5000 FAGGOTS of WOOD. The greater portion of the poles are specially adapted for railway and mining purposes. The whole are cut down and (with the wood) arranged in convenient lots.

Further particulars of the Auctioneer; or of Mr. George Heath, Land Surveyor, 10, queen street, Exeter.

Refreshments will be provided at Culver Farm House at Twelve.

Sale precisely at One o'clock.

Dated Little Queen-street, Exeter, 11th January, 1872.

#### GLAMORGANSHIRE.

SALE OF IMPORTANT AND VALUABLE FREEHOLD LAND

SALE OF IMPORTANT AND VALUABLE FREEHOLD LAND AND MINERAL PROPERTY.

Situate between the TOP of LITTLE OGMORE and RHONDDA VALLEYS, near DINAS, in the parish of YSTRADYFODWG.

MESSRS. GOODE AND OWEN have been instructed to submit FOR SALE. BY PUBLIC AUCTION, at the Royal Hotel, Cardiff, on Thursday, 32th of January, 1872, at Two for Three o'clock precisely, subject to such conditions as will be then and there read, THERE UNDIVIDED FOURTH PARTS or SHARES in fee simple of and in the MOUNTAIN known by the name of FORCH NEST, otherwise FORCH WEST, with the well-known valuable BITUMINOUS and STEAM COAL SEAMS and other MINERALS lying underneath the same, situate in the parish of YSTRADYFODWG, in the county of GLAMORGAN, containing by admeasurement 208. 2 R. and 23 P., or thereabouts.

readous.

The attention of capitalists is directed to the sale of this property, being conered one of the finest undeveloped mineral properties in Glamorganshire. sidered one of the finest undeveloped mineral properties in Glamorganshire.

For further particulars, apply to Mr. WILLIAM COZENS, Solicitor, Haverfordwest; Mr. Herrer Kirkhouss, Mineral Engineer, Bwilfa, near Aberdare; Messrs. Goode and Owen, Land Agents and Surveyors, Haverfordwest; and to Messrs. Davies and Co., Solicitors, Haverfordwest.

N.B.—Arrangements have now been made by which the entirety of this property will be offered on the day of sale.—Jan. 6, 1872.

MINING SHARES IN SEVERAL WELL-KNOWN MINES

MR. MARSH will include in his next PERIODICAL SALE of REVERSIONS, POLICIES, SHARES, &c., appointed to take place at the Guildhail Coffee House, on Thursday, February 1st, at Twelve for One, in Lors.

SHARES, fully paid up, in the celebrated LISBURNE MINE COMPANY

IMITED).
THIRTEEN SHARES, fully paid up, in the CWMYSTWITH MINE COM-INY (LIMITED).
TEN SHARES, fully paid up, in the CWM ERFIN MINE COMPANY (LI-

MITED).
THIRTY-FIVE OLD and THIRTY-FIVE NEW SHARES in the GOGINAN MINE COMPANY (LIMITED).
FOUR ORIGINAL SHARES in the LLANGOLLEN SLAB AND SLATE COMPANY (LIMITED); and
TWENTY-FIVE SHARES in the MINING INVESTMENT COMPANY (LI-MITED).
Particulars may be obtained of F. R. Roberts, Esq., Solicitor, Aberystwith; and at Mr. MARSH'S offices, 54, Cannon-street.

#### LYDNEY, GLOUCESTERSHIRE.

IMPORTANT SALE of a very VALUABLE FREEHOLD ESTATE AND TIN PLATE WORKS, near LYDNEY, GLOUCESTERSHIRE.

MESSRS. DENNING, SMITH, AND CO. have been favoured with instructions TO OFFER FOR SALE, BY AUCTION, at the King's Head, Newport, Monmouthshire, on Thursday, the 15th day of February, 1872, at Two for Three o'clock precisely, the VALUABLE FREEHOLD ESTATE and PROPERTY, called the

#### PARK END TIN PLATE WORKS

PARK END TIN PLATE WORKS

Situate in the FOREST OF DEAN, about six miles from Lydney, five miles from Cinderford, and about three and a haif miles from Coleford and comprising about BEVEN ACRES OF FREEHOLD LAND, with an excellent house, suitable for the residence of a proprietor; also a manager's house, storehouses, warn-houses, offices, carpenter's and biacksmith's shops, stables, &c., together with twonty-four workmen's cottages, all in excellent tenantable repair; also the fixed plant, machinery, rolling-stock, &e.

The works are very compact, and capable at present of turning out about 600 to 800 boxes of tin-plates per week, which might be increased (at a comparatively trifling expense) to 1000 boxes by the erection of another mill. The works have been carried on by the present proprietor for the last 1s years. The brand is known as "Park End," and sometimes "Seven." and is confined solely to the best charcoal tin-plates. The works adjoin the Park End blast-fursaces. There are four patents at work, and another being fixed, which considerably reduce the cost of labour and production.

There is every facility for communication, both by rail and water, with the chief markets of the kingdom; and a tramway runs into the works in connection with the Severn and Wye Railway.

For further particulars, apply to Mr. Rudde, the Manager, at the Works; to Fussall, Prichard, and Hughes, Solicitors, Liverpool-chambers, Corn-street, Bristol; to Pools and Hughes, Solicitors, S. New-square, Lincoin's Inn. Loa-

FUSSELL, PRICHARD, and SWANN, Solicitors, Liverpool-chambers, Corn-street Bristol; to POOLE and HUGHES, Solicitors, 9, New-square, Lincoin's Inn, Lon don; or to the Auctioneers, Shannon-court, Bristol.

#### VALUABLE COPPER MINE

THE PROPRIETORS of a COPPER MINING SETT, COUNTY TIPPERARY, are ready to treat for the SALE of a PORTION of the SETT, including a length of 200 fms. in the centre of a rich nerth and south copper loid, from which was obtained £110,000 worth of ore of the high produce of 14 to 28 per cent., in a length of 100 fms. at the south end of the lode, sunk upon to a depth of 110 fms.

For terms and particulars, apply to Messrs. Hodgson Smyth and Cash,

upon to a depth of 110 lms.
For terms and particulars, apply to Messrs. Hodgson Smyth and Cash.
Mine E-tate Agents, 22, Westmoreland-street, Dublin: or Exchange-buildings.
Cromford-court, Market-street, Manchester.

RARE OPPORTUNITY FOR MAKING A FORTUNE

RARE OPPORTUNITY FOR MAKING A FORTUNE.

TO BE SOLD, PART OR ENTIRE (former preferred) of a COLLIERY ROYALTY, of about 170 acres, in NORTH WALES. The pit is sunk 40 yards deep to the seam, containing the best description of Cannel. There are six other earns of good coal (the first being King coal, only 14 yards under it) known to be beneath this seam. Its situation being half a mile from a railway station, and also admirably adapted for land sale, close to excellent roads, the working expenses, royalty, rent, and outlay small for a probable get in a few weeks of 400 tons daily at an almost fabulous profit, render the presont undertaking one well worthy the immediate attention of capitalists, coal dealers, gas manufacturers, or colliery proprietors.

Address, "Q. E. D," care of Watson, 15, Fenwick-street, Liverpool.

MIDCALDER, IN THE COUNTY OF EDINBURGH.

ESTATE OF ALDERSTONE FOR BALE.

OBE SOLD, BY PUBLIC ROUP, within Dowell's Sale

Rooms, No. 18, George-street, Edinburgh, on Wedne-day, the 31st of
nuary, 1872, at Two o'clock afternoon, if not previously disposed of by pri-

January, 1872, at Two o clock atternoon, it not previously disposed of by private bargain.

The Estate of Alderstone adjoins the high road from Edinburgh to Glasgow, and is about two miles from the village of Mid-Calder and West Calder, and fourteen miles from the City of Edinburgh. It is immediately contiguous to the highly productive shale fields which supply the mineral oil wrise of this locality, so long and so successfully worked by Messrs. Young and Co. and other companies. The mineral oil trade of Scotland took its rise in this district, and still flourishes with undiminished vigour.

Adderstone stands in the very centre of the district, and although its mineral products have not been worked to any considerable extent, still sufficient has been done to prove the estate capable of producing an almost unlimited quantity of the best shale. There are also fire-clay, lime, and other minerals in abundance.

42, matn-street, wisagow, 19th September, 1869.
It will thus be seen, that while the yield indicated is ample, the quality of the roduct will bear favourable comparison with any of those now in the market. The greater portion of the estate is divided into four excellent farms. If xtends to about 700 acres, and, besides the farms, comprises grass parks, plantions, feus in the willage of Belisquarry (which is on the estate), &c. Large additions were made to

Large additions were made to

THE MANSION HOUSE OF ALDERSTONE
a few years ago, at great expense, the principal rooms having been entirely rebuilt. It is approached by avenues of fine sid trees, and contains dining-room,
drawing room, parlour, eight bed-rooms, bath-room, kitchen, servants' apartments, with ample cellerage, &c. The offices, which are at a convenient distance
from the house, have lately been entirely rebuilt, and consist of coach-house,
stables, byes, poultry-house, gardener's and coachman's houses, &c., all compactly enclosed, well drained, and provided with abundance of pure water.

The mansion-house is tastefully surrounded by lawns and shrubberies, to
which is added a large and well-cultivated kitchen and flower garden, with hothouse, &c., all properly fenced, and in excellent order. The whole forming a
most

DESIRABLE COUNTRY RESIDENCE.

house, &c., all properly fenced, and in excellent order. The whole forming a most

DESIRABLE COUNTRY RESIDENCE,
in a locality convenient for communication with all quarters of the country, and situated on an estate abounding in the usual Lowland game, and rich in the picture-que seenery peculiar to Scotland.

There is constant and easy communication with Edinburgh and Glasgow. Newpark Station, on the Caledonian Railway, is within half-a-mile of the house; West-Caider Station is two and a-half miles from the house; and Living-stone Station, on the Kdinburgh and Batbgate line, is one and a-half mile from the house. Glasgow can be reached within an hour, and Edinburgh within half-an-hour.

half-an-hour.

Rental, exclusive of the minerals, mansion-house, and garden, £850. Publio burdens, £30. The entry of Heirs and Singular Successors is taxed.

The gardener will show the boundaries, and further particulars may be obtained on application to Mr. John M. Bell, W.S., 2, Park-place, Edinburgh, with whom are the Title-Deeds and Articles of Roup.

IMPORTANT SALE OF FREEGOLD LAND AND MINERAL

PROPERTY.

TO BE SOLD, BY PRIVATE CONTRACT, the FEE-SIMPLE and INHERITANCE of the ESTATE OF TRETOIL.

In the parish of LANIVET, near BODMIN, Cornwall.

The land on sale is now in the occupation of the owner, Miss Susan Henwood. The estate consists of a good Farm-house, Barn, Stable, and other convenient Outhouses: Engine-house, Dry-house, and Mine Stack, and about 47 acres of excellent Meadow and Pasture Land; together with certain Mining and other Mineral Rights under the last-mentioned estate, as well as under and throughout the enclosed Farm of Tretoil, now occupied by Mr. Edward Johns, and which also contains about 47 acres of land. The entirety of the enclosed mineral rights extending over more than 90 acres of land; together also with the mineral and other rights connected with the common attached to the above estate.

neral rights extending over more unary acres of the common attached to the above mineral and other rights connected with the common attached to the above estate.

The Tretoil Mine is well known, and yields copper, tin, and other minerals of exceedingly good quality, in great abundance.

This mine has been surveyed by several experienced and practical mining agents, whose reports will prove it to be a more than ordinary valuable mineral property, capable of being worked with a small capital, and made immediately and richly remunerative. This is apparent when the fact is considered that two diverse soils here come in contact; the granite and calons meeting in peculiar geological proximity in this property.

By the outlay of a small capital the purchaser will ensure an unusually profitable return for the capital invested, and the early attention of the public lalivited to this opportunity of an eligible investment such as is rarely offered to public notice. The large copper lode now ready for sale is of a peculiarly good quality, and is now open nearly to the surface.

The proprietor being a lady prefers selling this valuable estate rather than working the same, or granting any sect thereof, and will afford every requisite information to any person (bond fide) desirous to treat for the purchase, and will give immediate possension on the set lement of the purchase, and will give immediate possension on the set lement of the purchase, and will give immediate possension on the set lement of the purchase, and retoil; Messrs, Thos. and H. Henwood, Perrose, St. Issey, Wadebridge; and Mr. JAMES VAUGHAN, Solicitor, Devonport.

January 18, 1872.

TO IRONMASTERS, AMD MANUFACTURERS OF BESSEMER

AND OTHER STEELS.

FOR SALE, a MINE of MAGNETIC IRON ORE, yielding from

60 to 65 per cent, of superior cast-iron in the blast-furnace.

The property consists of a superficial area of 150,000 aquare metres, is held by Royal title in perpetuity at a nomlinal rental of about £8, and free of other dues; is capable of producing very large quantities of the above ore, which is free from sulphur and phosphorus, the gangue consisting of quartz and greenstone. Is thunted about three miles from the Mediterrancan Coast, and about 15 miles from Gibraitar Bay. No objection to defray cost of inspection by a competent person with a bona fide purchaser.

Address, "Box 5," Swansea.

FOR SALE, a VALUABLE LEAD MINE in NORTH WALES, worked by water power, without steam, with the PLANT and MACHINERY thereon; requires a working capital of about \$6000 to develope it. The greater portion of the purchase money will be taken in shares in a new company. The Mine in its present undeveloped state has produced, and will still produce, 20 to 30 tons of lead per month, which, with a judicious outlay, may be largely increased.

Apply to Messrs. WALKER and SMITH, Solicitors, Chester.

MANGANESE, CALAMINE, BLENDE, AND IRON ORE FOR SALE.

FOR SALE.

SEVERAL EXCELLENT MINING PROPERTIES FOR DISPOSAL, offering favourable opportunities for investment to small and moderate capitalists.

Address, Woods and Co., Mining and Mineral Agents, 7 and 8, Mueile, Santander, Spain.

REDBROOK TIN WORKS.

REDBROOK TIN WORKS.

TO BE LET, and entered upon immediately, the REDBROOK TIN WORKS. These eligible premises are advantageously situated on the BIVER WYE, about two miles below Monmouth, adjacent to the Forest of Dean, and surrounded by extensive woods, affording an ample supply of charcoal They consist of ROLLING MILLS, FURNACES, FORGE, and other WORKS and MACHINERY adapted to the manufacture of TIN PLATES on an extensive scale, with an excellent dwelling house, garden, and offices, 20 exitages, and several closes of land, containing altogether about THIRTY ACRES.

These premises may be easily converted into sheet-iron or wire works.

The authorised line of the Monmouth, Coleford, and Usk Railway will pass near to these works, and afford easy communication with both mineral districts.

ricts. For further particulars, apply to Messrs. DAVIS and JUSTICE, Solicitors, New-ort, Monmouthshire; and Mr. MEDHURST, at the Works, will show the pre-

TO BE LET, ON LEASE, for a term of years, SEVERAL ACRES of LAND, suitable for MANUFACTURING PURPOSES, advantageously situated on the south bank of the River Type, about two miles below Newcastle-on-Type, and within a quarter of a mile from the North-Rasters Ballway. There is a good quay frontage, with deep \*ater. Apply to Mr. T. S. BRANWELL, king-street, Quay-side .Newcastle-on-Type

FOR SALE, a high-class 25-horse power PORTABLE STRAM RNGINE; also, a 16-horse power, with or without reversing gear. FOR SALE, these, several first-class second-hand PORTABLE STRAM ENGINES, 3 to 14 horse power, in excellent order. PIT WINDING GEAR made at a short notice suitable for portable engines Annals A. a first-class MORTAR MILL.

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BLAL EXPOSITION" held in Paris, in 1855; at the "INTERNATIONAL

HIBITION," in Dublin. 1865; at the "UNIVERSAL EXPOSITION," in

ris, 1807; and at the "GREAT INDUSTRIAL EXHIBITION," at Altona,



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SOHO FOUNDRY, BELFAST, After twenty years of experience, have brought their Improved TURBINE to great perfection.

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wheel.

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This Wheel is at work in a great many places, to which
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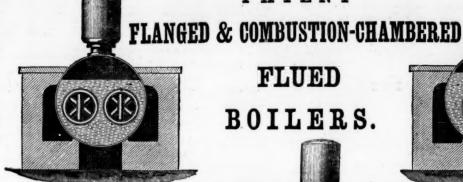
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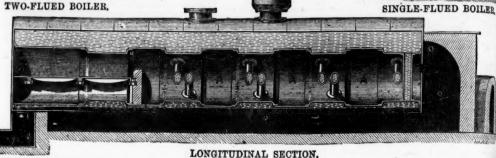
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FLUED BOILERS.





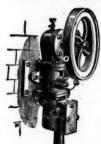
THE FLUES OF THE ABOVE BOILERS ARE MADE OF TWO DIAMETERS, ONE RING OF PLATES BE 4 inches less than the other, alternately.

The smaller rings being flanged, as shown in drawing, are thereby considerably strengthened, besides securing the most material point—as

The cross tubes are placed in the smaller rings of the flue, so that any one can easily be taken out and replaced.
The larger rings of the flue act as reverberating, combustion, and heat-retaining chambers, greatly economising the fuel.
These Bollers are strong, durable, and economical, and have been at work a number of years with the most satisfactory results.

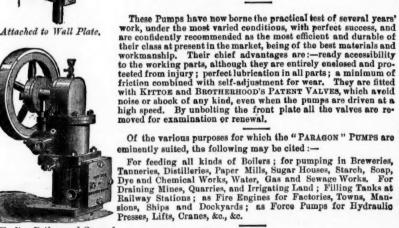
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STATIONERY ENGINES,

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Hoisting, cooking, and distilling. Passed MARINE ENGINES AND BOILERS,

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The ORIGINAL Combined Vertical ENGINES and BOILERS introduced by Mr. CHAPLIN in 1855. BACH CLASS KEPT IN STOCK FOR SALE OR HIRE.

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# PATENT STONE BREAKER, ORE-CRUSHING MACHINE

FOR REDUCING TO SMALL FRAGMENTS ROCKS, ORES, AND MINERALS OF EVERY KIND.

the only machine that has proved a success. This machine was shown in full operation at the Royal Agricultural Society's Show at Manchester, lat the Highland Agricultural Society's Show at Edinburgh, where it broke 1½ ton of the hardest trap or winstone in eight minutes, and was AWARDED TWO PIRST-CLASS SILVER MEDALS. It has also just receive SPROIAL GIVEN AND ALL AS SANTIAGO, Chill.

pidly making its way to all parts of the glob. Deing now in profitable use in California Washoe, Lake Superior, Australia, Cuba, Chill Braand throughout the United States and England. Read extracts of testimonials:—

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The Parys Mines Company, Parys Mines, near Bangor, June 6.—We have had one of your stone preakers in use during the last 12 months, and Capt. Moreom reports most favourably as to its capabilities of crushing the materials to the required size, and its great economy in doing away with manual labour.

For the Parys Mining Company,
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H. R. Marsden, Esq. James Williams.

Ecton Emery Works, Manchester. — We have used Blake's patent stone breaker made by you, for the last 12 months, crushing emery, &c., and it has given every satisfaction. Some time after starting the machine a piece of the moveable laws about 20 lbs, weight, chilled cast-iren, broke off, and was crushed in the laws of the machine to the size fixed for crushing the emery.

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Alkali Works, near Wednesbury. — I at first thought the outlay too much for so simple an article, but now think it money well spent.

Will Gold Mining Componn. Dolledly, —The

Welsh Gold Mining Company, Dolgelly, -The stone breaker does its work as mirably, crushing the hardest stones and quarts. WM. DANIEL.

Our 15 by 7 in, machine has broken 4 tons of hard whinstone in 20 minutes, for fine road me-tal, free from dust. Messrs. ORD and MADDISON, Stone and Lime Merchants, Darlington.

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Ovoca, 1reland.—My crusher does its work most satisfactorily. It will break 10 tons of the hardest copper ore stone per hour.

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General Frimont's Mines, California.—The 18 by 7 in. machine effects a saving of the labour of about 30 men, or \$75 per day. The high estimation in which we hold your invention is shown by the fact that Mr. Park has just ordered a third machine for this estate.

Your stone breaker gives us great satisfaction. We have broken 101 tons of Spanish pyrites with t in seven hours. EDWARD ARON, H. R. Marsden, Esq. Weston, near Runcorn

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MUSHET'S TITANIC STEELS.

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BREWERS and DISTILLERS' MACHINERY attended to with the strictest punctuality.

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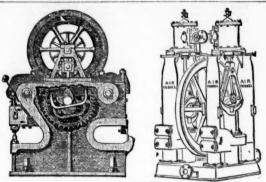
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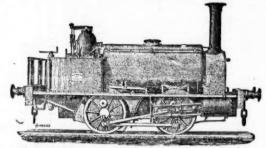
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